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"SUPPLEMENT"

TO

UNDERWOOD'S

LIST OF ADJUDICATED PATENTS
AND DISCLAIMERS

ARRANGED

BY NUMBER AND BY SUBJECT-MATTER
OR TITLE OF INVENTION

BY

LINEAS D. UNDERWOOD

CARD DIGESTS CO.,
711 MCGILL BLDG.
WASHINGTON, D. C.

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SCOPE OF THIS SUPPLEMENT.

Federal Reporter, Vols. 147 to 238.

U. S. Reports, Vols. 203 to 242.

Appeal Cases, D. C., Vols. 28 to 44.

Court of Claims Reports, Vols. 41 to 50.

Official Gazette—Vols. 82 to 236.

ABBREVIATIONS.

App. D. C.—Court of Appeals Cases, District of Columbia.

C. C. A. 5th Cir.—Circuit Court of Appeals for the Fifth Circuit
(similarly for other Circuits).

C. C. S. D., N. Y.—Circuit Court for the Southern District of New
York (similarly for other Districts).

Ct. of Cls.—Court of Claims Reports.

F.—Federal Reporter.

O. G.—Official Gazette of the Patent Office.

TABLE I.

Chronological List of Adjudicated Patents.

(This list includes all adjudicated original patents covered by the terms "art", "machine", "manufacture" and "composition of matter." It also includes patents which were involved in interference in which adverse decisions were rendered, notice of which has been published in the Official Gazette. For Reissues see Table II.; for Designs see Table III).

1859

25,373 See Reissue 3,985.

1866

54,614 See Reissue 7,897.

55,709 See Reissue 8,599.

1870

100,621 Paper-box machine, C. B. Hatfield, March 8, 1870, decree pro confesso in re infringement of Reissue 3,985, (C. C. E. D. Pa.), data set forth at Liber R 13, p. 360 in the assignment records of the U. S. Patent Office.

1876

180,490 Plate printing press, James Milligan, Aug. 1, 1876, suit to recover royalties, (Court of Claims), 42 Ct. Claims 479.

1877

193,097 Plate printing press, James Milligan, July 17, 1877, suit to recover royalties, (Court of Claims), 42 Ct. Claims 479.

1878

205,280 Wooden box, G. A. Mannie, June 25, 1878 (C. C., E. D. N. Y.), Federal Cases No. 9,309.

TABLE I—CHRONOLOGICAL LIST.

1881

- 239,702 Car axle box, S. A. Bemis, Apr. 5, 1881, claim 1 valid and infringed by 418,439, (C. C. A. 3rd Cir.), 200 F. 749.

1882

- 260,063 Waterproof fabric, G. Streat, June 27, 1882, void on demurrer, (C. C. D. Minn. 3rd Div.), 154 F. 378.
267,318 Pneumatic conveyor, James W. Beach, Nov. 14, 1882, on suit to recover damages, (Court of Claims), 41 Ct. Claims 110.

1883

- 271,426 Sewing machine treadle, H. Cramer, Jan. 30, 1883, not infringed by 306,469, (C. C. A. 9th Cir.), 147 F. 917.

1884

- 301,220 Breech-loading ordnance, C. T. De Bange, July 1, 1884, suit to recover royalties, (Court of Claims), 43 Ct. Claims 25; motion to remand to Ct. of Cls. denied, (U. S. Sup. Ct.), 224 U. S. 309.
304,539 Electric conductor, E. D. McCracken, Sep. 2, 1884, claim 1 not infringed, (C. C. A. 2nd Cir.), 158 F. 99.
306,469 Sewing machine stand and treadle, P. Diehl, Oct. 14, 1884, held to not infringe 271,426, (C. C. A. 9th Cir.), 147 F. 917.

1885

- 318,093 Gas check for ordnance, J. B. Davis, May 19, 1885, motion to remand to Ct. of Cls. denied, (U. S. Sup. Ct.), 224 U. S. 309.
319,795 Process of smelting ores by the electric current, Cowles & Cowles, June 9, 1885, decree for injunction or bond, and for accounting, (C. C. W. D. Pa.), 189 F. 710; valid and infringed, (C. C. A. 3rd Cir.), 203 F. 976.
322,637 Speed governor, E. Penney, July 21, 1885, held to anticipate claims 1 to 6 of 387,205, (C. C. W. D. Va.), 163 F. 527.

TABLE I—CHRONOLOGICAL LIST.

- 331,618** Gun carriage, C. T. De Bange, Dec. 1, 1885, motion to remand to Ct. of Cls. denied, (U. S. Sup. Ct.), 224 U. S. 309.

1886

- 341,930** Locomotive ash pan, J. B. McCune, May 18, 1886, judgment reversed, case remanded, (C. C. A. 3rd Cir.), 154 F. 63; not infringed, (C. C. A. 3rd Cir.), 175 F. 991.

1887

- 358,545** Lining for furnaces, E. C. Condit, Mar. 1, 1887, not infringed, (C. C. A. 6th Cir.), 150 F. 141; recovery barred by laches, (C. C. N. D. Ohio E. D.), 157 F. 842.
- 365,723** Wire barbing machine, A. J. Bates, June 28, 1887, decree awarding nominal profits affirmed, (C. C. A. 7th Cir.), 194 F. 108.
- 366,362** Electrical converter, G. Westinghouse, July 12, 1887, claim 4 not infringed, (C. C. A. 8th Cir.), 173 F. 361; decree (173 F. 361) reversed, (U. S. Sup. Ct.), 225 U. S. 604; judgment in favor of plaintiff, (D. C. E. D. Mo. E. D.), 218 F. 646; decree (218 F. 646) reversed, (C. C. A. 8th Cir.), 233 F. 752.
- 368,804** Electric resistance coil, C. D. Baker, Aug. 23, 1887, void, (C. C., E. D. Wis.), 147 F. 266.
- 370,108** Sheet piling, J. A. Wakefield, Sept. 20, 1887, valid as against a defense of public use, (C. C. A. 5th Cir.), 177 F. 214.
- 375,377** Machine for molding building blocks, H. S. Palmer, Dec. 27, 1887, not infringed, (C. C. E. D. N. Y.), 148 F. 702.

1888

- 377,029** Paper fastener, J. C. Jensen, Jan. 31, 1888, held to anticipate 630,553 and 695,468, (C. C. E. D. Ky.), 167 F. 132, (C. C. A. 6th Cir.), 167 F. 128.
- 378,379** Process of filtering beer, H. Stockheim, Feb. 21, 1888, valid, infringed, (C. C. N. D. Ohio, E. D.), 155 F. 124; claims 1, 2 and 4 valid, infringed, claim 3 void. (C. C. A. 6th Cir.), 164 F. 855; claims 1, 2 and 4 valid and infringed, (C. C. A. 2nd Cir.), 204 F. 274.

TABLE I—CHRONOLOGICAL LIST.

- 381,968** Rotary field motor, N. Tesla, May 1, 1888, decision rendered Nov. 1908 by Judge Thompson in favor of complainant; proceedings now pending before master on accounting, (No. 5510, S. D. Ohio), Westinghouse Electric & Mfg. Co. v. Bullock Elec. Mfg. Co.; preliminary injunction granted and proceedings suspended pending decision in suit No. 1, (No. 2599, D. R. I.), Westinghouse Co. v. Royal Weaving Co.; no proofs taken, preliminary injunction denied and proceedings suspended pending decision in suit No. 1, (No. 5686, E. D. N. Y.), Westinghouse Co. v. Nassau Light & Power Co., not reported; valid, infringed, (C. C. E. D. Wis.), 152 F. 466.
- 381,969** Electric motor, N. Tesla, May 1, 1888, valid, infringed, (C. C. E. D. Wis.), 152 F. 466.
- 382,172** Apparatus for testing pipes, G. W. Lutz, May 1, 1888, anticipates 903,973, (C. C. D. N. J.), 189 F. 630.
- 382,279** Rotary field motor, N. Tesla, May 1, 1888, decision rendered Nov. 1908 by Judge Thompson in favor of complainant; proceedings now pending before master on accounting, (No. 5510, S. D. Ohio), Westinghouse Electric & Mfg. Co. v. Bullock Elect. Mfg. Co.; preliminary injunction granted and proceedings suspended pending decision in suit No. 1, (No. 2599, D. R. I.), Westinghouse Co. v. Royal Weaving Co.; no proofs taken, preliminary injunction denied and proceedings suspended pending decision in suit No. 1, (No. 5686, E. D. N. Y.), Westinghouse Co. v. Nassau Light & Power Co., not reported.
- 382,280** Rotary field motor, N. Tesla, May 1, 1888, decision rendered Nov. 1908 by Judge Thompson in favor of complainant; proceedings now pending before master on accounting, (No. 5510, S. D. Ohio), Westinghouse Electric & Mfg. Co. v. Bullock Elect. Mfg. Co.; preliminary injunction granted and proceedings suspended pending decision in suit No. 1, (No. 2599, D. R. I.), Westinghouse Co. v. Royal Weaving Co.; no proofs taken, preliminary injunction denied and proceedings suspended pending decision in suit No. 1, (No. 5686,

TABLE I—CHRONOLOGICAL LIST.

- E. D. N. Y.), Westinghouse Co. v. Nassau Light & Power Co., not reported; valid, infringed, (C. C. E. D. Wis.), 152 F. 466.
- 382,281** Electric motor, N. Tesla, May 1, 1888, valid, infringed, (C. C. E. D. Wis.), 152 F. 466.
- 387,205** Steam engine governor, J. Begtrup, Aug. 7, 1888, claims 1 to 6 anticipated by 322,637, (C. C. W. D. Pa.), 163 F. 527.
- 388,366** Stamp canceling machine, Laas & Hey, Aug. 21, 1888, not infringed, (C. C. A. 1st Cir.), 156 F. 362.
- 390,439** Rotary converter, C. S. Bradley, Oct. 2, 1888, bill of complaint dismissed by stipulation, (No. 53, D. N. J.), General Electric Co. v. Bullock Electric Mfg. Co.; (No. 10,299, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.
- 392,973** Bicycle, W. E. Smith, Nov. 13, 1888, Void, (C. C. N. D. Ill. E. D.), 177 F. 419; void, (C. C. A. 7th Cir.), 193 F. 649.
- 393,317** Arched suspender for overhead electric conductors, C. J. Van Depoele, Nov. 20, 1888, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.
- 394,039** System of suspending conductors, C. J. Van Depoele, Dec. 4, 1888, on demurrer to bill, (C. C. E. D. N. Y.), 155 F. 543.
- 1 8 8 9**
- 396,311** Hooked suspender for electric railway conductors, C. J. Van Depoele, Jan. 15, 1889, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.
- 396,312** Suspension device for electric railway conductors, C. J. Van Depoele, Jan. 15, 1889, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.
- 397,860** Machine for molding tubes or cylinders, H. G. Keasbey, Feb. 12, 1889, decree ordered declaring valid, claim 1 infringed, (C. C. E. D. Pa.), 148 F. 91.
- 398,625** Cash register, W. Koch, Feb. 26, 1889; appeal dismissed, (C. C. A. 3rd Cir.), 151 F. 1021.

TABLE I—CHRONOLOGICAL LIST.

- 399,801 Alternate-current inductor, Thomson & Wightman, March 19, 1889, infringes claim 1 of 511,915 and claims 1, 2 and 6 of 555,190, (C. C. A. 6th Cir.), 191 F. 350.
- 400,346 Barrel washer, H. E. Klamt, Mar. 26, 1889, not infringed, (C. C. A. 7th Cir.), 147 F. 229.
- 402,140 Machine for shaping sheet metal pipes, J. A. Carr, Apr. 30, 1889, not infringed, (C. C. S. D. Ohio, W. D.), 147 F. 530.
- 404,271 Trap, L. T. Follansbee, May 28, 1889, suit to clear title successful, (C. C. W. D. N. Y.), 189 F. 382.
- 404,272 Time-lock, B. Frese, May 28, 1889, suit to clear title successful, (C. C. W. D. N. Y.), 189 F. 382.
- 404,414 Method of mixing molten pig metal, W. R. Jones, June 4, 1889, decree of District Court awarding damages affirmed, (C. C. A. 3rd Cir.), 224 F. 947.
- 408,681 Sled, S. L. Allen, Aug. 13, 1889, held to anticipate 797,-338, (C. C. N. D. N. Y.), 178 F. 287.
- 409,449 Electrical distribution, C. S. Bradley, Aug. 20, 1889, no testimony taken, (No. 27,616, N.D. Ill.), General Electric Co. v. So. Chicago City Ry. Co., not reported.
- 409,450 Rotary converter, C. S. Bradley, Aug. 20, 1889, bill of complaint dismissed by stipulation, (No. 53, D. N. J.), General Electric Co. v. Bullock Electric Mfg. Co.; (No. 10,299, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.
- 410,307 Combined steam harvesters and thrashers, Daniel Bert, Sept. 3, 1889, not a pioneer patent (jury erroneously instructed), (C. C. A. 9th Cir.), 172 F. 409.
- 411,131 Furnace for reheating glassware, H. Schulge-Berge, Sep. 17, 1889, claim 1 not infringed, (C. C., W. D. Pa.), 147 F. 254; not infringed, (C. C. A. 3rd Cir.), 149 F. 1003.
- 411,947 Rheostat, M. J. Wightman, Oct. 1, 1889, not infringed by 687,569, (C. C. E. D. N. Y.), 164 F. 425.
- 412,704 Shoe sewing machine, French & Meyer, Oct. 8, 1889, term expired with British patent 13,366 of 1888, (C. C. D. Mass.), 148 F. 31; (C. C. A. 1st Cir.), 155 F. 842.
- 412,963 Grass twine, G. A. Lowry, Oct. 15, 1889, void, (C. C. A. 7th Cir.), 159 F. 140.
- 415,321 Rotary printing machine, J. L. Firm, Nov. 19, 1889; on accounting before master, (C. C. D. N. J.), 148 F. 393; 148 F. 394.

TABLE I—CHRONOLOGICAL LIST.

- 418,439** Dust shield for car axle boxes, J. A. Brill, Dec. 31, 1889, infringes claim 1 of 239,702, (C. C. A. 3rd Cir.), 200 F. 749.

1890

- 418,678** Electric switch for motor, H. H. Blades, Jan. 7, 1890, valid, claims 1 and 4 infringed by 777,637, (C. C., E. D. Wis.), 147 F. 266.
- 422,746** Electric induction apparatus, M. Dobrowolsky, Mar. 4, 1890, Court of Appeals affirmed decision of lower court Aug. 11, 1906, accounting had before master, (D. Ind.), General Electric Co. v. Kuhlman Electric Co.; discontinued May 18, 1907 by stipulation, (No. 10,296, D. Ind.), General Electric Co. v. Winona Interurban Ry. Co. and Allis-Chalmers Co., not reported; valid, infringed, (C. C. A. 7th Cir.), 147 F. 709.
- 423,317** Incandescent gas lamp, A. Heald, Mar. 11, 1890; not infringed, (C. C. A. 2nd Cir.), 151 F. 1023.
- 423,998** Brake shoe, C. Herron, Mar. 25, 1890, claim 2 void, (C. C. A. 7th Cir.), 152 F. 700, 152 F. 703.
- 424,291** Apparatus for recording measurements of time, space or quantity, Emery M. Hamilton, March 25, 1890, claim 1 not infringed, (C. C. A. 2d Cir.), 187 F. 276.
- 424,436** Electric railway motor, F. J. Sprague, Mar. 25, 1890, no proofs taken in rebuttal since defendant's proofs closed Aug. 11, 1906, order dismissing bill by consent Dec. 2, 1908, (No. 1916, N. D. Ohio), Sprague Electric Co. v. Toledo etc. Co., not reported.
- 424,695** Traveling contact for electric railways, C. J. Van De-poele, April 1, 1890, not infringed, (C. C. A. 7th Cir.), 152 F. 631.
- 424,905** Metal weather window strip, A. C. Sims, April 1, 1890, valid, infringed, (C. C. W. D. Pa.), 147 F. 741; accounting for profits and damages, (C. C. W. D. Pa.), 182 F. 654; decree 182 F. 654 modified, (C. C. A. 3d Cir.), 186 F. 490; anticipates claims 1 and 2 of 694,062, (C. C. A. 8th Cir.), 187 F. 837.
- 424,944** Surgical pump, E. E. Allen, Apr. 8, 1890, claims 1, 2, 6, 7 and 8 valid, infringed, (C. C. N. D. Ill., N. D.), 162 F. 907.

TABLE I—CHRONOLOGICAL LIST.

- 425,416** Water closet, Frame & Neff, April 15, 1890, decree granting preliminary injunction affirmed, (C. C. A. 3rd Cir.), 150 F. 581.
- 427,025** Brake for cornice machines, J. White, April 29, 1890, not infringed, (C. C. D. N. J.), 166 F. 898; not infringed, (C. C. A. 3rd Cir.), 175 F. 67.
- 428,169** See Reissue 11,918.
- 428,432** Concrete curbing, H. H. Wainwright, May 20, 1890, void, (C. C. E. D. La.), 155 F. 279.
- 428,650** Alternating-current magnetic device, Elihu Thomson, May 27, 1890, infringes claim 1 of 511,915 and claims 1, 2 and 6 of 555,190, (C. C. A. 6th Cir.), 191 F. 350.
- 428,968** Mail box, H. V. Snead et al., May 27, 1890, decree below dismissing the bill reversed, (C. C. A. 6th Cir.), 175 F. 570.
- 429,874** Stone sawing machine, G. N. Williams, Jr., June 10, 1890, decree (155 F. 753) affirmed, (C. C. A. 2nd Cir.), 166 F. 306.
- 430,868** Current regulator, C. O. Mailloux, June 24, 1890, claims 2 and 6 not infringed by 651,664, (C. C. S. D. N. Y.), 148 F. 695; claims 2 and 6 valid, not infringed, (C. C. A. 2nd Cir.), 158 F. 610.
- 431,823** Electric railway motor, F. J. Sprague, July 8, 1890, order dismissing bill by consent Dec. 2, 1908, (No. 1917, N. D. Ohio), Sprague Electric Co. v. Toledo etc. Co. not reported.
- 433,686** Track sanding apparatus, H. L. Leach, Jr., Aug. 5, 1890, claims 1 and 2 valid, infringed, (C. C. D. Del.), 154 F. 79; valid, infringed, (C. C. A. 3rd Cir.), 162 F. 683.
- 433,791** Coil clasp for fastening belts, C. Jackson, Aug. 5, 1890, void as to belts, (C. C. A. 3rd Cir.), 147 F. 713.
- 434,677** Riveting machine, G. Pardy, Aug. 19, 1890, decree below holding void reversed, (C. C. A. 9th Cir.), 148 F. 631.
- 435,036** Method and means for bending electrotype plates, P. M. Furlong, Aug. 26, 1890, suit on contract, 50 Ct. of Cls. 258.
- 435,613** Book-sewing machine, Reynolds & Jacobs, Sep. 2, 1890, claims 3 and 15 void, (C. C. A. 2nd Cir.), 149 F. 208.

TABLE I—CHRONOLOGICAL LIST.

- 435,870** Suspending device for over-head electric conductors, Elihu Thomson, Sept. 2, 1890, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.
- 435,958** Method of regulating electrically operated mechanism, M. J. Wightman, Sept. 9, 1900, no testimony taken in rebuttal by complainant since defendant's proofs closed Sept. 1, 1908, (No. 6019, S. D. Ohio), Thomson-Houston Electric Co. v. Bullock Co., not reported.
- 436,916** Tabulating attachment for typewriter, J. B. Gathright, Sep. 23, 1890, claims 4 and 5 valid, infringed, (C. C. A. 2nd Cir.), 151 F. 585; preliminary injunction granted, (C. C. S. D. N. Y.), 155 F. 138; claims 4 and 5 infringed, (C. C. S. D. N. Y.), 156 F. 588; plea overruled, (C. C. S. D. N. Y.), 158 F. 476; claims 4 and 5 valid, infringed, (C. C. S. D. N. Y.), 165 F. 927; application for an order limiting master on accounting, (C. C., S. D. N. Y.), 171 F. 116; claims 4 and 5 infringed, (C. C. W. D. Mich. S. D.), 181 F. 530; (C. C. S. D. N. Y.), 181 F. 541; claims 4 and 6 valid and infringed, (C. C. A. 6th Cir.), 220 F. 880; decree of District Court modified as to amount of judgment, (C. C. A. 2nd Cir.), 227 F. 74; motion to reopen denied, (C. C. A. 2nd Cir.), 227 F. 1022.
- 439,684** Sectional steam boiler, N. W. Pratt, Nov. 4, 1890, claim 5 not infringed, (C. C. D. N. J.), 151 F. 265.
- 440,020** Socket member of glove fastener, L. A. Douillet, Nov. 4, 1890, void, (C. C. S. D. N. Y.), 147 F. 736.
- 440,866** Preparation of cereals, F. Lauhoff, Nov. 18, 1890, decree after accounting, (C. C. A. 6th Cir.), 216 F. 610.
- 441,311** Hog-hoisting machine, D. C. Mahoney, Nov. 25, 1890, not infringed, (C. C. A. 1st Cir.), 158 F. 818.
- 442,531** Store service ladder, E. M. Murray, Dec. 9, 1890, infringed, (C. C. A. 7th Cir.), 153 F. 369; construed and rule for computing profits stated, (C. C. A. 7th Cir.), 163 F. 54.
- 442,855** Furnace for reheating glassware, M. R. Caldwell, Dec. 16, 1890, claims 3, 5 and 7 not infringed, (C. C., W. D. Pa.), 147 F. 254; not infringed, (C. C. A. 3rd Cir.), 149 F. 1003.

TABLE I—CHRONOLOGICAL LIST.

443,248 Escape mechanism, A. Bannatyne, Dec. 23, 1890, not infringed, (C. C. E. D. Pa.), 147 F. 522.

1891

444,530 See Reissue 12,393.

444,684 Clock pinion, A. Bannatyne, Jan. 13, 1891, not infringed, (C. C. E. D. Pa.), 147 F. 522.

444,900 Regulating apparatus for electric motors, M. J. Wightman, Jan. 20, 1901, no testimony taken in rebuttal by complainant since defendant's proofs closed Sept. 1, 1908, (No. 6019, S. D. Ohio), Thomson-Houston Electric Co. v. Bullock Co., not reported.

445,207 Electro-magnetic motor, Nikola Tesla, Jan. 27, 1891, does not anticipate claim 1 of 511,915 or claims 1, 2 and 6 of 555,190, (C. C. A. 6th Cir.), 191 F. 350.

445,235 Pulp digester, G. F. Russell, Jan. 27, 1891, demurrer overruled, (C. C., D. Oregon), 169 F. 140, (see reissue 11,282).

446,230 Grain drill, W. F. Hoyt, Feb. 10, 1891, valid, infringed, (C. C. A. 8th Cir.), 153 F. 177; prior decree modified, (C. C. A. 6th Cir.), 160 F. 948; construed and rule for measure of damages stated, (C. C. A. 6th Cir.), 162 F. 472; decree awarding nominal damages, (C. C. A. 8th Cir.), 183 F. 314; decree of lower court reversed with directions to recommit to a master, (U. S. Sup. Ct.), 235 U. S. 641.

446,985 Trolley wire hanger, C. H. Mackoskie & W. E. Baker, Feb. 24, 1891, on demurrer to bill, (C. C., E. D. N. Y.), 155 F. 543.

447,757 Incandescent gas burner and method of using the same, H. C. Campbell, Mar. 10, 1891, void, (C. C., D. R. I.), 150 F. 583.

448,617 Bracelet, T. C. Hudson, Mar. 17, 1891, void, (C. C. D. R. I.), 173 F. 622.

448,894 Electric meter, E. Thomson, Mar. 24, 1891, held to have expired with British patent, (C. C. A. 1st Cir.), 153 F. 883.

TABLE I—CHRONOLOGICAL LIST.

- 449,668** Separating and filling machine for confectioners' use, N. A. Clacker, Apr. 7, 1891, claims 1 to 4, defendant bound by prior adjudication, (C. C., E. D. Wis.), 163 F. 914; decree affirmed, (C. C. A. 7th Cir.), 170 F. 1021; decree of District Court on accounting reversed, (C. C. A. 7th Cir.), 234 F. 876.
- 449,959** Ball bearing, G. F. Simonds, April 7, 1891, not infringed by 686,617, (C. C. E. D. Pa.), 147 F. 721; claim 1 not infringed, (C. C. A. 3rd Cir.), 149 F. 219.
- 449,968** Ball bearing, G. F. Simonds, April 7, 1891, not infringed by 686,617, (C. C., E. D. Pa.), 147 F. 721; not infringed, (C. C. A. 3rd Cir.), 149 F. 219.
- 450,360** Apparatus for conveying and cooling metal plates, H. Aiken, April 14, 1891, valid, infringed, (C. C. N. D. Ohio, E. D.), 157 F. 691; (C. C. A. 6th Cir.), 163 F. 254.
- 450,592** Tabulating attachment for typewriters, J. H. Schulte, April 14, 1891, claim 9 void, if conceded validity not infringed, (C. C. A. 2nd Cir.), 151 F. 576.
- 452,268** Tabulating attachment for typewriters, J. B. Gathright, May 12, 1891, not infringed, (C. C. A. 2nd Cir.), 151 F. 585; plea overruled, (C. C. S. D. N. Y.), 158 F. 476; not infringed, (C. C. W. D. Mich., S. D.), 181 F. 530; valid but not infringed, (C. C. A. 6th Cir.), 220 F. 880; decree of District Court modified as to amount of judgment, (C. C. A. 2nd Cir.), 227 F. 74; motion to reopen denied, (C. C. A. 2nd Cir.), 227 F. 1022.
- 453,032** Automatic switch mechanism, H. H. Blades, May 26, 1891, claims 1, 2 and 5 not infringed, (C. C. S. D. N. Y.), 153 F. 197; (C. C. A. 2nd Cir.), 159 F. 447.
- 454,115** Pneumatic tire, T. B. Jeffery, June 16, 1891, claims 1 to 6 not infringed, (C. C. W. D. Pa.), 155 F. 982; (C. C. A. 3rd Cir.), 161 F. 337; not infringed, (C. C. S. D. N. Y.), 169 F. 831; not infringed, (C. C. A. 2nd Cir.), 177 F. 691.
- 454,638** Waterwheel bucket, W. G. Dodd, June 23, 1891, not infringed by 633,184, (C. C. A. 9th Cir.), 151 F. 29.
- 454,791** Loom, A. E. Rhoades, June 23, 1891, claim 5 valid, infringed, (C. C. A. 1st Cir.), 161 F. 728.
- 454,964** Steam heating apparatus, W. E. Hall, June 30, 1891, void, (C. C. A. 8th Cir.), 181 F. 836.

TABLE I—CHRONOLOGICAL LIST.

- 457,102 Electric railway motor, N. C. Bassett, Aug. 4, 1891, defendants testimony closed July 31, 1907, no testimony taken as yet in rebuttal by complainant, (No. 1918, N. D. Ohio), Thomson-Houston Electric Co. v. Toledo etc. Co.; no testimony taken since filing of replication Apr. 1, 1907, (No. 5353, D. N. J.), Thomson-Houston Electric Co. v. Allis-Chalmers Co., not reported.
- 457,258 Typewriter, J. D. Daugherty, Aug. 4, 1891, held to limit the scope of 481,477, (C. C. W. D. Pa.), 173 F. 288; (C. C. A. 3rd Cir.), 181 F. 966.
- 457,331 Staking machine, G. V. Anderson, Aug. 4, 1891, infringed by 819,605, (C. C. E. D. Pa.), 158 F. 987.
- 457,706 Car heating apparatus, R. M. Dixon, Aug. 11, 1891, not infringed, (C. C. N. D. N. Y.), 160 F. 476.
- 458,135 Process of making paper stock, J. D. Tompkins, Aug. 18, 1891, void, (D. C. N. D. N. Y.), 226 F. 744; void, (C. C. A. 2nd Cir.), 236 F. 221.
- 458,162 Alternating-current electric motor, L. Gutman, Aug. 25, 1891, claim 8 void, (C. C. A. 8th Cir.), 192 F. 564.
- 458,647 Process of obtaining glycerine from soap-makers' waste, J. Van Ruymbeke, Sep. 1, 1891, suit on contract, (C. C. D. R. I.), 184 F. 463.
- 458,648 Plant for treating soap-makers' waste to obtain glycerine, J. Van Ruymbeke, Sep. 1, 1891, suit on contract, (C. C. D. R. I.), 184 F. 463.
- 459,794 Rheostat, S. H. Short, Sep. 22, 1891, not infringed by 687,569, (C. C. E. D. N. Y.), 164 F. 425.
- 460,037 Stocking and method of making same, B. F. Shaw, Sep. 22, 1891, claim 2 valid, infringed, (C. C. E. D. Pa.), 154 F. 67; claim 2 void, (C. C. A. 3rd Cir.), 157 F. 928.
- 460,262 Decrementally-hardened armor-plate, H. A. Harvey, Sept. 29, 1891, anticipates claim 5 of 534,178, (C. C. A. 3rd Cir.), 191 F. 588; judgment in claimant's favor, 46 Ct. of Cls. 298.
- 460,426 Draw-bar attachment, F. E. Canda, Sep. 29, 1891, decree on master's report modified and reversed, (C. C. A. 6th Cir.), 152 F. 178.

TABLE I—CHRONOLOGICAL LIST.

- 463,704** Electric motor and dynamo, A. L. Parcelle, Nov. 24, 1891, bill of complaint dismissed by stipulation May 5, 1908, (No. 10,698, D. Ind.), General Electric Co. v. Allis-Chalmers Co. and Winona Co.; preliminary injunction granted Aug. 27, 1907, no testimony taken, (M. D. Tenn.), General Electric Co. v. City of Nashville; case at issue Dec. 1907, motion for injunction not brought to hearing, no testimony taken, (D. W. Va.), General Electric Co. v. Electro-Metallurgical Co.; Court of Appeals on Mar. 5, 1907, reversed decision of Circuit Court and sustained the patent, (No. 5653, S. D. Ohio), General Electric Co. v. Bullock Electric Co. not reported; claim 1 valid, infringed, (C. C. A. 6th Cir.), 152 F. 427.
- 465,255** Recording computing machine, D. E. Felt, Dec. 15, 1891, validity and infringement doubtful, preliminary injunction denied, (C. C. D. R. I.), 129 F. 394.
- 466,081** See Reissue 11,639.
- 1 8 9 2**
- 466,557** Process of duplicating typewritten work, A. B. Dick, Jan. 5, 1892, void, (C. C. S. D. N. Y.), 160 F. 690.
- 466,565** Wheel tire, T. B. Jefferey, Jan. 5, 1892, claim 7 not infringed, (C. C. W. D. Pa.), 155 F. 982.
- 466,577** Wheel tire, F. Schrader, Jan. 5, 1892, claim 2 not infringed, (C. C. D. Mass.), 156 F. 787; (C. C. A. 1st Cir.), 164 F. 557.
- 466,815** Ironing machine, Fred C. Wendell, Jan. 12, 1892, claims 1 to 4 void, (C. C. N. D. N. Y.), 171 F. 870; decree of court below holding claims 1 to 4 void affirmed, (C. C. A. 2nd Cir.), 177 F. 1001.
- 467,476** Pneumatic straw-stacker, James Buchanan, Jan. 19, 1892, not limited by prior art, (C. C. A. 7th Cir.), 154 F. 365.
- 468,258** Bottle sealing device, W. Painter, Feb. 2, 1892, valid and infringed, (C. C. N. D. Ill. E. D.), 174 F. 252.
- 468,780** Blank book, F. Bowman, Feb. 16, 1892, claim 2 void, (C. C. S. D. N. Y.), 159 F. 485.

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- 469,744 Shipping package, C. L. King, Mar. 1, 1892, preliminary injunction denied, demurrer sustained, (No. 25,997, C. C. N. D. Ill.), King & Co. v. Julander, Waldo for complt., G. S. Noble for dft., not reported.
- 469,809 System of electrical distribution, W. Stanley, Jr., Mar. 1, 1892, claims 1 and 3 valid, infringed, (C. C. A. 2nd Cir.), 153 F. 890; not anticipated, (C. C. A. 2nd Cir.), 156 F. 582; case at issue Feb. 1, 1909, no testimony taken, (D. N. J.), Westinghouse Co. v. Allis-Chalmers Co., not reported; claims 1 and 3 not infringed, (C. C. W. D. Pa.), 194 F. 888; not infringed, (C. C. A. 3rd Cir.), 202 F. 759.
- 470,052 Underfeed furnace, E. W. Jones, Mar. 1, 1892, claims 6 and 9 valid, infringed by 792,862, (C. C. D. R. I.), 165 F. 65.
- 470,591 Feed mechanism for lathes, W. P. Norton, Mar. 8, 1892, claims 2 to 7 not infringed by 787,537, (C. C. D. Mass.), 155 F. 133; (C. C. A. 1st Cir.), 162 F. 481.
- 470,813 Electric railway signal apparatus, A. J. Wilson, Mar. 15, 1892, valid, infringed, (C. C. W. D. N. Y.), 168 F. 62; claim 1 valid and infringed, (C. C. A. 2nd Cir.), 169 F. 290.
- 470,990 Typewriter, J. D. Daugherty, Mar. 15, 1892, held to limit the scope of 481,477, (C. C. W. D. Pa.), 173 F. 288; (C. C. A. 3rd Cir.), 181 F. 966.
- 471,063 Electric elevator, R. C. Smith, Mar. 15, 1892, bill dismissed, license given to defendant, (D. N. J.); Otis Elevator Co. v. Bullock Electric Co., not reported.
- 471,264 Ore roasting furnace, H. F. Brown, Mar. 22, 1892, judgment dismissing action at law affirmed, (C. C. A. 8th Cir.), 148 F. 838; appeal from final decree entered upon accounting affirmed, (C. C. A. 8th Cir.), 179 F. 309.
- 472,094 Sewing machine, Willcox & Borton, Apr. 5, 1892, claim 1 not infringed, (C. C. D. N. J.), 161 F. 743.
- 472,607 Apparatus for feeding cotton to gins, S. D. Murray, Apr. 12, 1892, valid, claims 1, 2, 9 and 12 infringed, (C. C. A. 3rd Cir.), 149 F. 989; claims 1, 2, 9 and 12 not infringed, (C. C. N. D. Ga.), 181 F. 111.

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- 472,804 Metal planer, J. S. Detrick, April 12, 1892, infringed by 783,223, (C. C. D. Md.), 156 F. 777.
- 473,019 Corrugating machine, W. J. Plecker, April 19, 1892, claim 1 valid, infringed, claim 8 void, (C. C., S. D. Ohio, W. D.), 147 F. 528.
- 473,776 Method of and means for bottling liquids and sealing bottles, W. Painter, Apr. 26, 1892, decree modified and affirmed, (C. C. A. 2nd Cir.), 200 F. 592.
- 474,158 Air brush, C. L. Burdick, May 3, 1892, valid, infringed, (C. C. A. 7th Cir.), 148 F. 227.
- 474,536 Spring support for chair seats, J. A. Staples, May 10, 1892, claims 1 and 3 infringed by one structure and not by another, (C. C. A. 1st Cir.), 148 F. 16; decree granting preliminary injunction and allowing defendant to continue business on giving bond affirmed, (C. C. A. 6th Cir.), 148 F. 19; claims 1 and 3 valid, infringed, (C. C. A. 6th Cir.), 161 F. 733.
- 474,811 Baking powder, C. A. Catlin, May 17, 1892, not infringed, (C. C. D. N. J.), 148 F. 862; decree affirmed, (C. C. A. 3rd Cir.), 154 F. 65; infringed, (C. C. A. 2nd Cir.), 159 F. 436; question of contract, (C. C. A. 2nd Cir.), 176 F. 525.
- 475,401 Oil burner, W. R. Jeavons, May 24, 1892, claim 1 valid, infringed, (C. C. N. D. Ohio, E. D.), 157 F. 562; claim 1 valid, not infringed, (C. C. A. 6th Cir.), 158 F. 978.
- 476,028 Safety attachment for trolleys, M. A. Yeakley, May 31, 1892, preliminary injunction denied, (C. C. N. D. N. Y.), 157 F. 241.
- 476,230 Hot-air furnace, W. W. Kelsey, May 31, 1892, claim 5 valid, infringed, (C. C. E. D. Pa.), 155 F. 976; on motion for contempt, (C. C., E. D. Pa.), 158 F. 414; claim 5 void, (C. C. A. 3rd Cir.), 158 F. 622; void, (C. C. A. 3rd Cir.), 160 F. 476.
- 477,584 Can heading machine, M. A. Wheaton, June 21, 1892, not infringed by 796,928, (C. C. D. Md.), 156 F. 784.
- 478,344 Electrical distribution, H. W. Leonard, July 5, 1892, infringed, (D. N. J.), *Bullock Electric Co. v. Crocker-Wheeler Co.*; defendant's proofs closed July 21, 1908, awaiting complainant's rebuttal proofs, (No. 28,196, N. D. Ill.), *Bullock Electric Co. and H.W. Leonard v.*

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- General Electric Co.; no testimony taken, (No. 27, May term 1906, W. D. Pa.), Bullock Co. and H. W. Leonard v. Westinghouse Co., not reported.
- 480,029** Conveying apparatus, C. M. North, Aug. 2, 1892, claims 1, 6, 7, 8, 9, 10 valid, infringed, (C. C. D. N. J.), 150 F. 364; not infringed by 829,911, infringed by another device, (C. C. A. 3rd Cir.), 154 F. 372.
- 480,515** Hose clamp, L. H. Redfield, Aug. 9, 1892, infringed, (C. C. N. D. N. Y.), 152 F. 188; making of specified device not in violation of license, (C. C. A. 2nd Cir.), 157 F. 554.
- 481,254** Hair-clipper, C. Carleton, Aug. 23, 1892, valid but not infringed by 588,954 and 802,070, (D. C. D. Mass.), 195 F. 84; not infringed, (C. C. A. 1st Cir.), 200 F. 149.
- 481,477** Typewriter, J. D. Daugherty, Aug. 23, 1892, claims 37 and 38 not infringed, (C. C. W. D. Pa.), 173 F. 288; claims 37 and 38 void for double patenting, (C. C. A. 3rd Cir.), 181 F. 966.
- 481,739** Electric motor and regulating device therefor, F. J. Sprague, Aug. 30, 1892, bill dismissed by stipulation, (D. N. J.), Sprague Electric Co. v. Allis-Chalmers Co. & Bullock Co., not reported.
- 482,899** Menu card, F. C. Gellenbeck, Sept. 20, 1892, valid and infringed, (C. C. N. D. Ill.), 210 F. 285.
- 483,435** Atomizer, H. M. Dunlap, Sep. 27, 1892, claim 2 not infringed, (C. C. A. 8th Cir.), 151 F. 223.
- 483,511** Printing attachment for cash register, H. Cook, Sep. 27, 1892, on motion for preliminary injunction, held not infringed, (C. C. S. D. N. Y.), 148 F. 385; infringed, (C. C. A. 2nd Cir.), 153 F. 905.
- 483,646** Process of making artificial mica sheets for insulation, A. H. S. Dyer, Oct. 4, 1892, not infringed, (C. C. N. D. Ill., E. D.), 157 F. 90; claim 1 valid, infringed, (C. C. A. 7th Cir.), 166 F. 440.
- 483,732** Commutator for electric machine, N. C. Bassett, Oct. 4, 1892, argued at final hearing before Judge Thompson on Nov. 23, 1905; bill of complaint dismissed by stipulation, (No. 5778, S. D. Ohio), Thomson-Houston Co. v. Bullock Electric Co., not reported.

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- 486,812** Track for hay-carriers, B. Taylor, Nov. 22, 1892, claim 1 void, (D. C. N. D. Ohio, E. D.), 211 F. 469.
- 488,179** Trolley stand for electric cars, E. M. Bentley, Dec. 20, 1892, not infringed, (No. 27,376, N. D. Ill.), General Elec. Co. v. Morgan Gardner Elec. Co.; Betts, Sheffield, Bentley & Betts for complt., G. S. Noble for dft. not reported.
- 488,761** See Reissue 12,405.

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- 489,657** Poultry car, F. X. Mudd, Jan. 10, 1893, charge of the bill relative to the infringement of this patent, abandoned, (C. C. D. Mass.), 178 F. 992.
- 489,682** Socket for electric lamps, A. Metzger, Jan. 10, 1893, motion for costs denied, motion for order directing payment of costs of taking testimony granted, (C. C. N. D. N. Y.), 147 F. 718; not infringed, (C. C. A. 2nd Cir.), 152 F. 437.
- 490,034** Electric heater, T. E. Morford, Jan. 17, 1893, demurrers overruled, answer required, (C. C. S. D. N. Y.), 147 F. 744; not infringed, (C. C. S. D. N. Y.), 180 F. 763; not infringed, (C. C. A. 2nd Cir.), 200 F. 581.
- 490,105** Combined churn and butter worker, R. B. Disbrow, Jan. 17, 1893, judgment for defendants affirmed, (C. C. A. 8th Cir.), 179 F. 115; decree (179 F. 115) affirmed, (U. S. Sup. Ct.), 227 U. S. 8.
- 490,214** Draft-equalizer, P. V. Schandoney, Jan. 17, 1893, valid and infringed, prior unreported adjudication noted, (C. C. D. Oregon), 189 F. 631.
- 490,738** Stop device for hay carrier, J. H. Burkholder, Jan. 31, 1893, not infringed, (C. C. A. 7th Cir.), 148 F. 686.
- 490,849** Ore concentrator, G. Johnston, Jan. 31, 1893, bill filed Feb. 9, 1909, (N. D. Cal.), Risdon Iron & Locomotive Works v. Allis-Chalmers Co., not reported.
- 490,877** Book-trimming machine, Lovell & Bredenburg, Jan. 31, 1893, claims 3, 4, 5 and 9, not infringed, (C. C. S. D. N. Y.), 159 F. 736; not infringed, (C. C. A. 2nd Cir.), 169 F. 288.
- 491,151** Overhead tramway, P. F. Werner, Feb. 7, 1893, if valid not infringed, (C. C. A. 6th Cir.), 171 F. 656.

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- 491,761 Car seat, Aze & Gilfillan, Feb. 14, 1893, claims 2 to 5, 10 and 11 valid, infringed, (C. C. N. D. N. Y.), 152 F.453.
- 492,913 Electric lamp lighter, J. C. Chambers, Mar.7, 1893, owner restrained from bringing further suits against one Kessler or his customers, (U. S. Sup. Ct.), 206 U. S. 285.
- 492,951 Apparatus for straightening metal plates, H.Aiken, Mar. 7, 1893, valid, infringed, (C. C. N. D. Ohio, E. D.), 157 F. 691; (C. C. A. 6th Cir.), 163 F. 254.
- 493,216 Track hanger for hay carrier, W. Loudon, Mar. 7, 1893, void, (C. C. A. 7th Cir.), 148 F. 686.
- 493,337 Armature for dynamos, H. F. Parshall, Mar. 14, 1893, no testimony taken since filing replication Aug. 7, 1905, (D. N. J.), Thomson-Houston Co. v. Bullock Electric Co.; no testimony taken since filing replication, (No. 7074, N. D. N. Y.), Thomson-Houston Co. v. Pittsburg Reduction Co., not reported.
- 493,461 Thread controlling device for sewing machines, R. G. Woodward, Mar. 14, 1893, valid, infringed, (C. C. E. D. Pa.), 161 F. 748; (C. C. A. 3d Cir.), 165 F. 440; exceptions to master's report overruled, profits awarded, (C. C. E. D. Pa.), 185 F. 120; exceptions to master's report overruled, profits awarded, (C. C. A. 3d Cir.), 187 F. 123.
- 493,734 Straw stacker, J. W. Nethery, Mar. 21, 1893, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.
- 493,736 Car starter, J. Ripberger, Mar. 21, 1893, valid, infringed, (C. C. A. 7th Cir.), 147 F. 241.
- 495,383 Overhead contact device and switch, Charles J. Van Depoele, April 11, 1893, claims 1, 2, 3, 8, 9, 11, 12 and 13, void, (C. C. D. N. J.), 171 F. 111.
- 495,443 See Reissue 11,872.
- 497,408 Electrical railway signal, William H. Jordan, May 16, 1893, valid, not infringed, (C. C. E. D. N. Y.), 169 F. 413.
- 497,482 Shunt for electric light and power stations, Edward Weston, May 16, 1893, triple damages awarded for infringement, (C. C. S. D. N. Y.), 155 F. 301; on exceptions to master's report, (C. C. S. D. N. Y.), 166 F. 867.

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- 497,971 Pneumatic tire, P. W. Tillinghast, May 23, 1893, claim 2 valid and infringed, (C. C. W. D. Pa.), 174 F. 50; claim 2 valid and infringed, (C. C. A. 3rd Cir.), 178 F. 452.
- 499,294 Cash register, C. A. Juengst, June 13, 1893, void because of prior sale, (C. C. A. 2nd Cir.), 178 F. 79.
- 499,411 Electric signaling apparatus for elevators, C. G. Armstrong, June 13, 1893, claims 1, 2, 3, 7, 8 and 10 to 16 valid, infringed, (C. C. S. D. N. Y.), 151 F. 497.
- 499,769 Automatic switch, G. H. Whittingham, June 20, 1893, motion to amend mandate granted, (C. C. A. 2nd Cir.), 148 F. 1017; claims 4 to 8 valid and infringed, (C. C. N. D. Ill., E. D.), 183 F. 776.
- 500,071 Method and means for registering and checking cash accounts, J. T. Hicks, June 20, 1893, void, (C. C. S. D. N. Y.), 155 F. 298; (C. C. A. 2nd Cir.), 160 F. 467.
- 500,149 Air lock, D. E. Moran, June 27, 1893, claim 2 not infringed, claim 3 void, (C. C. S. D. N. Y.), 150 F. 338; claim 2 infringed, claim 3 void, if valid, not infringed, (C. C. A. 2nd Cir.), 160 F. 933.
- 500,371 Music box, Braehhausen & Reissner, June 27, 1893, void, (C. C. A. 2nd Cir.), 148 F. 1021.
- 500,780 Metal piling, A. Simon, July 4, 1893, valid but not infringed by device of patent No. 707,837, (C. C. N. D. Ill., N. D.), 182 F. 398; not infringed by 707,837, (C. C. A. 7th Cir.), 195 F. 759.
- 501,367 Magazine gun, A. H. Russell, July 11, 1893, claims 4, 8 and 29 held not infringed, (C. C. D. Conn.), 148 F. 388.
- 502,378 Machine for the preparation of cereals for food, Perky & Ford, Aug. 1, 1893, claims 1 and 2 valid and infringed, (C. C. N. D. Ill., E. D.), 188 F. 213.
- 502,541 Electric safety fuse, Carl Thalacker, Aug. 1, 1893, claims 1, 2 and 4 valid, not infringed, (C. C. D. Mass.), 170 F. 593; claims 1, 2 and 4 valid and infringed, (C. C. A. 1st Cir.), 173 F. 790; valid and infringed, (C. C. S. D. N. Y.), 177 F. 275.
- 502,840 Metal joint for fences, J. T. Ward, Aug. 8, 1893, claims 2 and 3 valid and infringed, (C. C. E. D. Pa.), 173 F. 922.

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- 503,099** Telephone switchboard signaling system, C. E. Scribner, Aug. 8, 1893, claim 7 held valid and infringed May 14, 1908, (C. C. S. D. Ohio, E. D.), Western Electric Co. v. Zannville Telephone & Telegraph Co.; (C. C. D. Ind. E. D.), Western Electric Co. v. United Telephone Co.; (C. C. N. D. Ohio), Western Electric Co. v. Mansfield Telephone Co., for compl., Barton, Tanner & Folk, for dft., Charles C. Bulkley, not reported.
- 503,870** Endless chain conveyor, G. W. McCaslin, Aug. 22, 1893, claims 2 and 4 not infringed, (C. C. A. 2nd Cir.), 147 F. 243.
- 504,401** Armature for dynamos, J. T. Morrow, Sept. 5, 1893, Circuit Court on Aug. 12, 1907 held claim 2 valid and infringed and the Court of Appeals on May 5, 1908 reversed this decision, (D. N. J.), General Electric Co. v. Bullock Electric Co.; no testimony taken since filing of replication, (No. 7073, N. D. N. Y.), General Electric Co. v. Pittsburg Reduction Co., not reported; claim 2 valid, infringed, (C. C. D. N. J.), 155 F. 740; claim 2 void, (C. C. A. 3rd Cir.), 162 F. 28.
- 505,240** Apparatus for charging liquids with carbonic acid gas, J. F. Theurer, Sept. 19, 1893, claim 3 valid and infringed, (C. C. S. D. N. Y.), 175 F. 781.
- 507,281** Cooking utensil, A. W. Obermann, Oct. 24, 1893, motion for preliminary injunction denied, (C. C. A. 2nd Cir.), 176 F. 557; exceptions to answer sustained in part, (C. C. S. D. N. Y.), 178 F. 106.
- 507,875** Corset stay, M. M. Beeman, Oct. 31, 1893, infringed, (C. C. W. D. Pa.), 180 F. 470; not infringed, (C. C. A. 3d Cir.), 183 F. 984.
- 508,462** Machine for uniting nap-bats to hat-bodies, W. A. Baglin, Nov. 14, 1893, not void on its face on demurrer, (C. C. A. 1st Cir.), 185 F. 814.
- 508,637** Armature core, H. G. Reist, Nov. 14, 1893, Court of Appeals on Nov. 8, 1906 reversed decision of Circuit Court and held patent invalid, (No. 5654, S. D. Ohio), General Electric Co. v. Bullock Electric Co., not reported; void, (C. C. A. 6th Cir.), 149 F. 409; claims 2, 4 and 6 void, (C. C. A. 7th Cir.), 159 F. 934.

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- 508,898 Electrical distribution, W. S. Moody, Nov. 14, 1893, complainants closed rebuttal proofs May 2, 1910, (No. 10,776, D. Ind.), General Electric Co. v. Winona Co., not reported.
- 509,334 Throttle valve, J. E. Stannard, Nov. 21, 1893, claims 1 and 2 not infringed, (C. C. D. Conn.), 151 F. 775; claims 1 and 2 not infringed by 812,279, (C. C. A. 2nd Cir.), 160 F. 79.
- 511,559 Method of transmitting electrical power, N. Tesla, Dec. 26, 1893, valid, infringed, (C. C. A. 7th Cir.), 152 F. 704.
- 511,560 Split phase motor, N. Tesla, Dec. 26, 1893, claims 1 to 4 valid, infringed, (C. C. A. 7th Cir.), 152 F. 704.

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- 511,915 Electrical transmission of power, Nikola Tesla, Jan. 2, 1894, claim 1 valid, not anticipated by 445,207, infringed by 399,801 and 428,650, (C. C. A. 8th Cir.), 191 F. 350; does not anticipate 555,190, id.
- 512,467 Car door fastener, T. Eubank, Jan. 9, 1894, held to anticipate 527,792, (C. C. A. 6th Cir.), 173 F. 918.
- 512,553 Straw stacker, Frank F. Landis, Jan. 9, 1894, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.
- 513,272 Stop and waste cock, H. Mueller, Jan. 23, 1894, void, (C. C. N. D. Iowa, E. D.), 164 F. 991.
- 513,603 Flexible ventilated eye-guard, H. M. Tileston, Jan. 30, 1894, void, (C. C. A. 7th Cir.), 149 F. 999.
- 513,747 Poultry feeder and exerciser, J. G. Whitten, Jan. 30, 1894, claims 1 and 2 valid and infringed, (D. C. S. D. N. Y.), 217 F. 72.
- 514,097 Crusher, W. W. Sly, Feb. 6, 1894, claim 1 valid and infringed, (C. C. A. 6th Cir.), 189 F. 61; decree of lower court dismissing case for want of jurisdiction reversed, (C. C. A. 7th Cir.), 201 F. 683.
- 514,266 Pneumatic straw elevator, Frank F. Landis, Feb. 6, 1894, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.

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- 514,705** Can labeling machine, E. W. Cornell, Feb. 13, 1894, valid, not infringed, (C. C., D. Md.), 163 F. 531.
- 514,822** Insulating joints and couplings, E. F. Gennert, Feb. 13, 1894, not infringed, (D. C. E. D. Pa.), 209 F. 625.
- 514,843** Air lock, W. C. Barr, Feb. 13, 1894, claims 1, 3, 4, 6 and 8 void, (C. C. S. D. N. Y.), 150 F. 338; (C. C. A. 2nd Cir.), 160 F. 933.
- 515,296** Hay-carrier, W. Loudon, Feb. 20, 1894, valid and infringed, (C. C. W. D. Wis.), 186 F. 522.
- 516,768** Breech mechanism for ordnance, Owen F. Leibert, Mar. 20, 1894, on demurrer to bill, (Court of Claims), 42 Ct. Claims, 365.
- 517,084** Cuff fastener, J. V. Washburne, Mar. 27, 1894, claims 1 and 2 if conceded validity, not infringed, (D. C. D. N. J.), 197 F. 552.
- 517,475** Pneumatic straw stacker, J. W. Nethery, Apr. 3, 1894, ownership with other patents not in violation of Sherman anti-trust act, (C. C. A. 7th Cir.), 154 F. 365.
- 517,680** Machine for engraving characters on metal blanks, Henry A. Chase, April 3, 1894, valid and infringed, (C. C. E. D. N. Y.), 169 F. 647; 170 F. 446.
- 518,693** Controlling switch for electric railways, P. Lange et al., Apr. 24, 1894, injunction granted, no testimony taken since filing of replication May 2, 1910, (D. Mass.), Westinghouse Co. v. Shelburne Falls & Colrain St. Ry. Co.; awaiting hearing on motion for injunction, replication filed May 2, 1910, (D. Ind.), Westinghouse Co. v. Winona Co.; motion for injunction granted June 3, 1910, (S. D. Ohio), Westinghouse Co. v. Cincinnati, Milford & Loveland Traction Co.; Westinghouse Co. v. Interurban Ry. & Terminal Co.; bill filed May 21, 1910, motion for preliminary injunction, (No. 598, D. Kans. 3rd Div.), Westinghouse Co. v. Parsons Co.; complainant's prima facie proofs closed July 20, 1908, defendant's proofs not yet completed, (D.N.J.), Westinghouse Co. v. Allis-Chalmers Co. & Bullock Co.; case at issue Oct. 4, 1909, complainant's prima facie proofs not completed, (N. D. Ohio, W.D.), Westinghouse Co. v. Toledo etc. Co.; (No. 2154, N. D. Ohio,

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- W. D.), *Westinghouse Co. v. Sandusky etc. Co.*; motion for preliminary injunction granted, case at issue Feb. 7, 1910, complainant's proofs not completed, (S. D. Ohio, E. D.), *Westinghouse Co. v. Bullock Co.*; bill filed May 21, 1910, motion for preliminary injunction, (No. 8884, D. Kans. 1st Div.), *Westinghouse Co. v. Lawrence Co.*, not reported; valid and infringed, (C. C. A. 6th Cir.), 171 F. 83; valid, order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 186 F. 166.
- 519,267** Smoke burning steam boiler furnace, J. McMillan, May 1, 1894, not infringed, (C. C. A. 7th Cir.), 179 F. 401.
- 519,862** Starting rotary converters, B. G. Lamme, May 15, 1894, no testimony in rebuttal taken by complainant since defendant closed its proofs May 10, 1907, (No. 10,215, D. Ind.), *Westinghouse Co. v. Indianapolis, Shelbyville & Southern Ry. Co.*, not reported.
- 520,123** Inside wall covering, A. Sackett, May 22, 1894, valid, infringed, (C. C. D. N. J.), 167 F. 138.
- 521,018** Method of connecting electric wires, J. Y. De Mott, June 5, 1894, not infringed, (C. C. S. D. N. Y.), 177 F. 442.
- 521,104** Centrifugal separator for liquids, Daniel J. Davis, June 5, 1894, claim 1 void, (C. C. E. D. Pa.), 187 F. 157; claim 1 not infringed, (C. C. A. 3rd Cir.), 195 F. 80.
- 521,461** Annunciator and spring jack for telephone switch boards, H. M. Fisk, June 19, 1894, infringement doubtful, preliminary injunction denied, (C. C. N. D. Ill. E. D.), 163 F. 308; valid but not infringed, (C. C. A. 7th Cir.), 194 F. 104.
- 521,773** Nursing bottle, W. M. Decker, June 19, 1894, preliminary injunction granted July, 1910, (C. C. Chicago), *Decker v. Western Bottle Mfg. Co.*, not reported; order granting preliminary injunction affirmed, (C. C. A. 7th Cir.), 193 F. 414; claims 1 and 3 valid and infringed, (C. C. N. D. Ill., E. D.), 193 F. 415; valid and infringed, (D. C. N. D. N. Y.), 196 F. 784; on exceptions and motion to strike from files, (D. C. N. D. N. Y.), 225 F. 776; valid and infringed, (C. C. A. 2nd Cir.), 234 F. 646.

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- 522,938 Valve movement for pumping engine, Hall & Gage, July 10, 1894, valid, infringed, (C. C. D. Mass.), 155 F.285; (C. C. A. 1st Cir.), 163 F. 263.
- 523,139 Thread package, B. L. Armstrong, July 17, 1894, validity doubtful, not infringed, 172 F. 234.
- 523,314 Wheel tire, T. B. Jefferey, July 17, 1894, claims 1, 2, 3, not infringed, (C. C. W. D. Pa.), 155 F. 982.
- 523,563 Car replacer, R. E. Alexander, July 24, 1894, claim 3 held not infringed, (C. C. D. N. J.), 147 F. 921.
- 523,698 Typewriter, H. L. Wagner, July 31, 1894, claims 1, 3 and 11 not infringed, (C. C. A. 2nd Cir.), 180 F. 726.
- 523,833 Machine for making pasteboard hat packing rings, F. P. Ferry, July 31, 1894, valid and infringed, (C. C. E. D. Pa.), 142 F. 172.
- 524,048 Check valve, Louis Schutte, Aug. 7, 1894, valid and infringed by patent No. 688,830, (C. C. A. 1st Cir.), 171 F. 844.
- 524,102 Workman's time-recorder, J. Dey, Aug. 7, 1894, claim 1 not infringed, (C. C. N. D. N. Y.), 152 F. 440; (C. C. A. 2nd Cir.), 161 F. 111.
- 524,130 Asphaltic petroleum products and process of making same, F. X. Byerly, Aug. 7, 1894, valid and infringed, (C. C. E. D. Pa.), 181 F. 138; valid and infringed, (C. C. A. 3d Cir.), 184 F. 455; preliminary injunction denied, (C. C. D. N. J.), 189 F. 759; claims 1 to 3 and 6 to 10 valid and infringed on motion for preliminary injunction, (C. C. D. Del.), 190 F. 772; evidence insufficient to establish infringement, (D. C. D. N. J.), 225 F. 77; claims 1, 2, 3, 6, 7, 8 and 9 valid and infringed, (D. C. S. D. W. Va.), 230 F. 995.
- 524,396 See Reissue 12,241.
- 524,423 Automatic feeder for twine making machines, G. A. Lowry, Aug. 14, 1894, not infringed by 785,070, (C. C. A. 7th Cir.), 159 F. 429.
- 525,419 Gyratory stone crusher, A. E. Hoyt, Sep. 4, 1894, void, (C. C. A. 8th Cir.), 147 F. 700.
- 525,836 Self-adjusting brush for dynamos, W. L. Bliss, Sept. 11, 1894, valid and infringed, (C. C. N. D. Ill., E. D.), 191 F. 850.

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- 525,856 Boiler, Charles D. Mosher, Sept. 11, 1894, suit for specific performance, motion to amend answers denied, (C. C. S. D. N. Y.), 189 F. 632.
- 525,915 Thermometer, H. W. Maurer, Sept. 11, 1894, claim 4 void, (C. C. E. D. N. Y.), 175 F. 87.
- 525,941 Duplicate whist tray, G. A. Bisler, Sep. 11, 1894, not infringed, (C. C. A. 2nd Cir.), 148 F. 620.
- 526,752 Propeller shaft for vessels, C. H. Schultz, Jr., Oct. 2, 1894, plea overruled, (D. C. D. N. J.), 204 F. 624.
- 526,839 Track hanger for hay carrier, W. Loudon, Oct. 2, 1894, void, (C. C. A. 7th Cir.), 148 F. 686.
- 526,913 Pumping engine, Whiting & Wheeler, Oct. 2, 1894, valid, infringed, (C. C. D. Mass.), 155 F. 285; (C. C. A. 1st Cir.), 163 F. 263.
- 527,014 Loom, G. O. Draper, Oct. 2, 1894, claims 1 and 2 valid but not infringed, (C. C. D. Mass.), 188 F. 811; claims 1 and 2 not infringed, (C. C. A. 1st Cir.), 196 F. 501.
- 527,242 Method of making expanded sheet metal, J. F. Golding, Oct. 9, 1894, void, (C. C. N. D. Ohio, E. D.), 157 F. 564; valid, infringed, (C. C. A. 6th Cir.), 164 F. 849.
- 527,361 Enameling metal ware, H. Claus, Oct. 9, 1894, claims 4 to 8 void, (C. C. A. 2nd Cir.), 151 F. 19; claims 1, 2 and 3 void, claims 9, 10, 11 and 12 not infringed, (C. C. A. 2nd Cir.), 153 F. 184.
- 527,771 Watch movement frame, D. H. Church, Oct. 23, 1894, bill dismissed, (D. C. S. D. N. Y.), 202 F. 225.
- 527,792 Bracket for car doors, E. A. Hill, Oct. 23, 1894, void, anticipated by 512,467, (C. C. A. 6th Cir.), 173 F. 918; not infringed, (C. C. A. 7th Cir.), 183 F. 326.
- 527,961 Interlocking tile floor, F. Furness, Oct. 23, 1894, void, (C. C. S. D. N. Y.), 149 F. 756; (C. C. A. 2nd Cir.), 158 F. 819.
- 528,223 Workman's time-recorder, D. M. Cooper, Oct. 30, 1894, claims 1, 4, 5, 7 and 10 valid, claim 4 not infringed, (C. C. N. D. N. Y.), 152 F. 717; claims 1 and 4 void, claims 5, 7 and 10 infringed, (C. C. A. 2nd Cir.), 159 F. 464.

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- 529,272 Copper dampening coils for synchronous machines, Hutin & LeBlanc, Nov. 13, 1894, argued at final hearing in Cincinnati, Nov. 20, 1905 before Judge Thompson and re-argued before Judge Slater Feb. 4, 1910; awaiting decision, (No. 5695, S. D. Ohio), Westinghouse Co. v. Bullock Co., not reported.
- 529,286 Furnace grate, J. H. Meissner, Nov. 13, 1894, not infringed, (D. C. W. D. Pa.), 213 F. 485; (C. C. A. 3rd Cir.), 214 F. 378.
- 529,685 Grass hook, W. Sellers, Nov. 20, 1894, valid, infringed, (C. C. D. Maine), 154 F. 856.
- 529,847 Die for making nut lock washers, S. D. Barnett, Nov. 27, 1894, void, (D. C. N. D. Ohio, E. D.), 214 F. 134.
- 530,176 Alternating-current electric motor, L. Gutman, Dec. 4, 1894, claims 1 to 4 void, (C. C. A. 8th Cir.), 192 F. 564.
- 530,177 Method of transforming electrical into mechanical energy, L. Gutman, Dec. 4, 1894, claim 1 not infringed, (C. C. A. 8th Cir.), 192 F. 564.

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- 531,782 Automatic railway switch, S. H. Crampton, Jan. 1, 1895, not infringed, (C. C. A. 5th Cir.), 193 F. 406.
- 532,554 Candy cutting machine, M. S. Hershey, Jan. 15, 1895, valid, infringed, (C. C. A. 3rd Cir.), 149 F. 743; mandate amended, (C. C. A. 3rd Cir.), 162 F. 147; valid and infringed, (C. C. A. 7th Cir.), 234 F. 328.
- 532,760 Incandescent lamp and method of manufacturing the same, M. H. Branin, Jan. 22, 1895, valid and infringed, (C. C. D. N. J.), 174 F. 1017.
- 533,095 Ellipsograph, F. W. Starr, Jan. 29, 1895, valid and infringed, (C. C. S. D. Ohio, W. D.), 194 F. 730; claim 3 not infringed, (C. C. A. 6th Cir.), 203 F. 264.
- 533,401 Molding apparatus, Harris Tabor, Jan. 29, 1895, claim 1 not infringed, (C. C. E. D. Pa.), 190 F. 179; claim 1 not infringed, (C. C. A. 3d Cir.), 191 F. 166.

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- 533,403** Tie for wire structures, E. L. Williams, Jan. 29, 1895, not void on its face on demurrer, (C. C. E. D. Mich., S. D.), 190 F. 195; claim 1 void, (D. C. E. D. Wis.), 215 F. 727; claim 1 void, (C. C. A. 6th Cir.), 223 F. 342.
- 533,763** See Reissue 11,611.
- 534,178** Process of manufacturing armor-plates, Schmitz & Ehrensberger, Feb. 12, 1895, claim 5 void, anticipated by 460,262, (C. C. A. 3d Cir.), 191 F. 588.
- 534,543** Talking machine, E. Berliner, Feb. 19, 1895, order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 148 F. 1022; motion for preliminary injunction granted, 150 F. 147; claims 5 and 35 infringed, (C. C. A. 2nd Cir.), 154 F. 58; valid and infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 158 F. 309; injunction granted, (C. C. S. D. N. Y.), 171 F. 673; claims 5 and 35 valid and infringed, (C. C. W. D. Mich. S. D.), 177 F. 248; motions to punish for contempt and for preliminary injunction denied, (C. C. S. D. N. Y.), 180 F. 777; decree imposing fine for contempt reversed, (C. C. A. 2d Cir.), 183 F. 580; claims 5 and 35 infringed, (C. C. S. D. N. Y.), 183 F. 849; validity of claims 5 and 35 not affected by expiration of Canadian patent No. 41,901, (C. C. A. 2d Cir.), 188 F. 326; rights under license contract determined, (C. C. A. 2d Cir.), 183 F. 580; injunction 183 F. 849 modified, (C. C. S. D. N. Y.), 188 F. 330; claims 5 and 35 held infringed on motion for preliminary injunction, (C. C. S. D. N. Y.), 191 F. 987; motion to punish for contempt denied, (C. C. S. D. N. Y.), 191 F. 988.
- 534,579** Governor, F. M. Rites, Feb. 19, 1895, held to anticipate claims 1 to 6 of 536,505, (C. C. W. D. Pa.), 163 F. 527.
- 534,785** Method of and apparatus for insulating conductors, L. W. Downes, Feb. 26, 1895, claims 1, 2, 8 and 9 not infringed, (C. C. A. 3rd Cir.), 150 F. 122.

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- 535,465** Operating mechanism for washing machines, J. Schroeder, Mar. 12, 1895, claim 1 held not infringed on motion for preliminary injunction, (C. C. N. D. Ill., E. D.), 149 F. 430; valid, infringed, (C. C. E. D. Mo., E. D.), 157 F. 559; (C. C. S. D. N. Y.), 158 F. 627; claim 1 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 161; claim 1 valid, infringed, (C. C. A. 2nd Cir.), 166 F. 114; valid, infringed, (C. C. A. 8th Cir.), 168 F. 271; valid and infringed, (C. C. A. 7th Cir.), 170 F. 965; on rehearing, held infringed, 170 F. 967.
- 536,505** Steam engine governor, J. Begtrup, Mar. 26, 1895, claims 1 to 6 anticipated by 534,579, (C. C. W. D. Pa.), 163 F. 527.
- 536,734** Railway switch, A. J. Moxham, April 2, 1895, claim 1 void, claim 6 not infringed, (C. C. S. D. N. Y.), 158 F. 413; claim 1 void, claim 6 not infringed, (C. C. A. 2d Cir.), 184 F. 326.
- 537,526** Resawing-machine, H. J. Gilbert, April 16, 1895, claims 1, 2, 5, 6 and 13 construed and held not infringed, (C. C. E. D. Mich., N. D.), 189 F. 741.
- 537,629** Pneumatic tool, J. Boyer, April 16, 1895, not infringed, (C. C. W. D. Pa.), 154 F. 953; (C. C. A. 3rd Cir.), 159 F. 143.
- 537,693** Process of evacuating incandescent lamps, Arturo Malignani, April 16, 1895, claim 1, infringed, (C. C., D. N. J.), 169 F. 299; claim 1 valid and infringed, (C. C. S. D. N. Y.), 177 F. 430; claim 1 valid and infringed, (C. C. D. Mass.), 180 F. 442.
- 538,535** Machine for boxing matches, Palmer, Denmead & Baughman, April 30, 1895, claims 1 to 4, 23, 24, 26 and 30 valid, not infringed by 736,668, (C. C. A. 8th Cir.), 162 F. 148.
- 538,688** Band-resaw, E. C. Mershon, May 7, 1895, claims 3, 4, 5 and 15 valid and infringed, (C. C. E. D. Mich., N. D.), 189 F. 741.
- 538,809** Railroad tie-plate, B. Wolhaupter, May 7, 1895, claim 8 not infringed, (C. C. N. D. Ill., E. D.), 193 F. 418; claim 8 void, (C. C. A. 6th Cir.), 213 F. 789; claim 8 valid and infringed, (C. C. A. 7th Cir.), 222 F. 261.
- 538,914** Staking machine, R. Holmes, May 7, 1895, infringed by 819,605, (C. C. E. D. Pa.), 158 F. 987.

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- 539,009** Combined refrigerator and freezer, Gilbert T. Quinn, May 7, 1895, claims 1, 3 and 7 infringed by patent No. 625,309, (C. C. D. N. J.), 171 F. 416; claims 1, 3 and 7 infringed by 625,309, (C. C. A. 3rd Cir.), 178 F. 278; valid and infringed, (C. C. S. D. N. Y.), 178 F. 283; motion for preliminary injunction granted in part, (C. C. D. Minn., 3rd Div.), 178 F. 567; exceptions to master's report sustained, (D. C. D. N. J.), 212 F. 742.
- 539,171** Bag filling machine, Henry H. Cummings, May 14, 1895, valid and infringed, (C. C., W. D. N. Y.), 140 F. 97; claims 11, 12, 14, 16, 17, 19, 20, 23, 24, 30, 34, 35, 41, 53, 54 and 61 valid, infringed, claims 1, 2, 6, 8, 9, 13, 18, 29 and 75 not infringed, (C. C. A. 2nd Cir.), 148 F. 985; on exceptions to master's report, 171 F. 438; on exceptions to master's report, (C. C. A. 2nd Cir.), 175 F. 576.
- 539,229** Poultry car, F. X. Mudd, May 14, 1895, valid and infringed, (C. C. D. Mass.), 178 F. 992; claims 1 and 2 valid and infringed by 910,865, (C. C. N. D. Ill. N.D.), 182 F. 841; void, Ryan Car Co. et al. v. Live Poultry Transportation Co., (C. C. A. 7th Cir., Oct. 3, 1911), not reported; void, (C. C. A. 7th Cir.), 195 F. 525.
- 539,878** Railway switch work, A. J. Moxham, May 28, 1895, on exceptions to master's report, (C. C. D. N. J.), 153 F. 205; valid, not infringed, (C. C. A. 1st Cir.), 170 F. 79; decree awarding nominal damages affirmed, (C. C. A. 3rd Cir.), 184 F. 301; claims 1 and 2 valid and infringed, (C. C. S. D. N. Y.), 193 F. 1001.
- 540,584** Sheet metal elbow, F. Dieckmann, June 4, 1895, claims 1 and 2 if conceded validity not infringed; claims 3 and 4 void, (C. C. A. 7th Cir.), 174 F. 150.
- 541,042** Breech mechanism for ordnance, F. F. Fletcher, June 11, 1895, suit on contract, 50 Ct. of Cls. 204.
- 541,138** Crystalline calcium carbide, Thomas L. Willson, June 18, 1895, valid, not infringed, (C. C., N. D. N. Y.), 172 F. 120; valid and infringed, (C. C. A. 2nd Cir.), 181 F. 104; preliminary injunction granted, (C. C. N. D. Ill., E. D.), 188 F. 334.
- 541,475** Crank planer, U., H. E. & F. L. Eberhardt, June 25, 1895, claim 5 void, (C. C. A. 6th Cir.), 194 F. 680.

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- 541,941** Process of making lump starch, A. Moffatt, July 2, 1895, not infringed by 789,127, (D. C. N. D. Iowa), 207 F. 571.
- 542,565** Press for making screw insulators, S. Kribs, July 9, 1895, claims 2 and 3 not infringed, (C. C. A. 3rd Cir.), 154 F. 197; claims 1, 3, 6, 7 and 8 invalid, claim 2 valid and infringed, (C. C. A. 3rd Cir.), 170 F. 946; on motion to modify mandate, 172 F. 222; on exceptions to master's report, (C. C., D. N. J.), 170 F. 830; claims 1, 3, 6, 7 and 8 void, claim 2 valid and infringed, (C. C. A. 3rd Cir.), 170 F. 946; cross-appeal on question of damages, (C. C. A. 3rd Cir.), 170 F. 960; see also 172 F. 222.
- 542,733** Heat regulating apparatus, W. S. Johnson, July 16, 1895, valid and infringed, (C. C. A. 1st Cir.), 147 F. 234.
- 543,587** Machine for making tubing, J. S. Wilson, July 30, 1895, action on contract, judgment for defendant affirmed, (C. C. A. 1st Cir.), 187 F. 840.
- 543,836** Single phase alternating current motor, E. Arnold, Aug. 6, 1895, bill dismissed, defective title, (C. C., S. D. N. Y.), 148 F. 234.
- 544,567** Telephone system—automatic ringing, W.W.Dean, Aug. 13, 1895, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey; not reported.
- 545,120** Dryer for drying paint, &c., F. D. Cummer, Aug. 27, 1895, claims 7, 8, 9 and 10 void, claim 11 valid and infringed, claims 12, 21, 22, 23 and 28 not infringed, (C. C. A. 6th Cir.), 193 F. 993.
- 545,537** Staple puller, A. H. Russell, Sept. 3, 1895, void, (C. C. A. 7th Cir.), 201 F. 924.
- 545,616** See Reissue 11,536.
- 546,059** Electric railways, W. M. Schlesinger, Sept. 10, 1895, specific performance of contract, (C. C., E. D. Pa.), 154 F. 201; decree modified, (C. C. E. D. Pa.), 158 F. 827; claim 1 infringed, (C. C. E. D. Pa.), 181 F. 503; void, (C. C. A. 3d Cir.), 185 F. 798.

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- 546,123 Thread package, W. C. Schroeder, Sept. 10, 1895, claims 1 and 2 valid and infringed, (C. C., D. Conn.), 172 F. 234; not infringed, (C. C. A. 2nd Cir.), 174 F. 410.
- 546,251 Skein thread holder, W. C. Schroeder, Sept. 10, 1895, claims 1 and 2, valid and infringed, (C. C. D. Conn.), 172 F. 234; valid and infringed, (C. C. A. 2nd Cir.), 174 F. 410; motion to instruct master on accounting, (C. C. D. Conn.), 178 F. 554; motion for attachment in contempt denied, (C. C. D. Conn.), 181 F. 173.
- 546,420 Garter, Bernhard Dreyfus, Sept. 17, 1895, valid and infringed, (C. C., S. D. N. Y.), 171 F. 434.
- 546,560 Electric railway motor, S. H. Short, Sept. 17, 1895, claims 7, 8 and 15 not infringed, (C. C. D. N. J.), 180 F. 751; bill dismissed by stipulation, (No. 1919, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co.; bill dismissed, (C. C. D. N. J.), 180 F. 751.
- 546,738 See Reissue 11,672.
- 548,074 Trolley rope and pole controller, C. A. Lord, Oct. 15, 1895, claim 4 not infringed, (C. C. D. Mass.), 173 F. 308; claim 4 void, (C. C. A. 1st Cir.), 179 F. 708.
- 548,228 Telephone multiple switchboard, C. E. Scribner, Oct. 22, 1895, held valid and infringed June 21, 1910, (C. C. D. Ind.), Western Electric Co. v. Sterling Electric Co., for compl., Barton, Tanner & Folk, for dft., Brown & Williams; J. S. McHugh, not reported.
- 548,623 Sound records, E. Berliner, Oct. 29, 1895, not infringed, (C. C. A. 2nd Cir.), 151 F. 601.
- 548,814 Indexed file, C. W. Northrop, Oct. 29, 1895, void, (C. C. S. D. N. Y., Feb. 3, 1908), Rapid File Co. v. Yawman & Erbe Mfg. Co., not reported.
- 548,830 Elevator control, F. E. Herdman, Oct. 29, 1895, claims 18, 19, 20 and 21 infringed, (D. C. N. D. Ill., E. D.), 234 F. 926.
- 548,973 Cable hoist, W. Dusedau, Oct. 29, 1895, void, (C. C., D. N. J.), 150 F. 364; (C. C. A. 3rd Cir.), 154 F. 372.
- 548,986 Evaporator, Peter Cooper Hewitt, Oct. 28, 1895, claim 1 infringed, (C. C. E. D. Pa.), 182 F. 844.

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- 549,160 Gas automobile, G. B. Selden, Nov. 5, 1895, motion to punish for contempt denied, (C. C. S. D. N. Y.), 159 F. 492; claims 1, 2 and 5 valid, infringed by the Ford machine, claims 1 and 5 infringed by the Panhard French machine, (C. C. S. D. N. Y.), 172 F. 923; application filed Sept. 7, 1895 as a division of this case held not abandoned, 36 App. D. C. 428; claim 1 construed and not infringed, (C. C. A. 2nd Cir.), 184 F. 893.
- 550,823 Electric meter, T. Duncan, Dec. 3, 1895, claims 1 and 8 void, (C. C. S. D. N. Y.), 155 F. 293.
- 551,340 Mechanism for making metal tubing, R. C. Stiefel, Dec. 10, 1895, valid, infringed, (C. C. E. D. Pa.), 151 F. 64; (C. C. A. 3rd Cir.), 160 F. 928.
- 551,614 Cable crane with gravity anchor, W. F. Brothers, Dec. 17, 1895, valid but not infringed, (C. C. A. 2nd Cir.), 223 F. 359.
- 552,470 Hose supporter, R. Gorton, Dec. 31, 1895, involved in suit for unfair competition, (C. C. D. Mass.), 156 F. 677; not infringed by 804,756, (C. C. S. D. N. Y.), 173 F. 793; infringed, (C. C. A. 2nd Cir.), 180 F. 739.
- 1 8 9 6
- 553,185 Pocket for pool tables, P. M. Cunningham, Jan. 14, 1896, not infringed, (C. C. S. D. N. Y.), 155 F. 120; void, (D. C. W. D. Mo.), 206 F. 468.
- 553,839 Fire alarm signal box, F. W. Cole, Feb. 4, 1896, valid and infringed, (D. C. D. N. J.), 194 F. 147.
- 553,873 Fire alarm signal box, J. J. Ruddick, Feb. 4, 1896, valid and infringed, (D. C. D. N. J.), 194 F. 147; preliminary injunction granted, (D. C. D. N. J.), 199 F. 182; preliminary injunction denied, (D. C. N. D. N. Y.), 199 F. 185, 199 F. 188.
- 553,972 Clasp, J. V. Washburne, Feb. 4, 1896, not infringed, (D. C. D. N. J.), 197 F. 552.

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- 554,276** Controller for dynamos, W. H. Knight et al., Feb. 11, 1896, case at issue May 2, 1910, no testimony taken, (D. N. J.), General Electric Co. v. Allis-Chalmers Co.; dismissed by stipulation Jan. 20, 1910, (No. 10,970, D. Ind.), General Electric Co. v. Winona Co., not reported; claim 6 not infringed by 873,805, (C. C. D. N. J.), 193 F. 58.
- 554,287** Metal car roof, P. H. Murphy, Feb. 11, 1896, claims 1 and 2 not infringed, claim 4 void, 38 App. D. C. 582.
- 554,611** Ball runway for bowling alleys, W. H. Wiggins, Feb. 11, 1896, void, (C. C. E. D. Pa.), 159 F. 729; (C. C. A. 3rd Cir.), 165 F. 56.
- 554,675** Rubber tired wheel, A. W. Grant, Feb. 18, 1896, valid, infringed, (C. C. S. D. N. Y.), 147 F.739; (C. C. A. 2nd Cir.), 151 F. 237; considered on action for royalties, (C. C. A. 7th Cir.), 154 F.358; decree granting preliminary injunction modified and affirmed, (C. C. A. 2nd Cir.), 157 F. 677; valid, infringed, (C. C. A. 2nd Cir.), 162 F. 892; suit to enjoin interference with customers, (C. C. S. D. Ohio, W. D.), 164 F. 869; valid and infringed, 220 U. S. 428; order granting preliminary injunction modified and affirmed, (C. C. A. 6th Cir.), 183 F. 978; leave to intervene denied, preliminary injunction granted, (C. C. N. D. N. Y.), 189 F. 591; preliminary injunction granted, (C. C. N. D. N. Y.), 190 F. 28; preliminary injunction 189 F. 591 ordered vacated unless complainant files a bond, (C. C. A. 2nd Cir.), 191 F. 832; same, (C. C. A. 2nd Cir.), 191 F. 835; bill dismissed for want of equity, (D. C. N. D. Ill. E. D.), 195 F. 764; same, (D. C. N. D. Ill. E. D.), 195 F. 768; infringed, (D. C. N. D. N. Y.), 197 F. 756; order granting preliminary injunction reversed, (C. C. A. 2nd Cir.), 203 F. 998; decree of District Court, 195 F. 764), reversed, and cause remanded, (C. C. A. 7th Cir.), 202 F. 1021; cause remanded, (C. C. A. 7th Cir.), 215 F. 106; decree (183 F. 978), reversed, (U. S. Sup. Ct.), 232 U. S. 413; certificate dismissed, (U. S. Sup. Ct.), 232 U. S. 420; Master's report modified, (D. C. S. D. N. Y.), 226 F. 455; decree (226 F. 455) affirmed, (C. C. A. 2nd Cir.), 232 F. 475.

TABLE I—CHRONOLOGICAL LIST.

- 554,874 Typewriter escapement, F. W. Hillard, Feb. 18, 1896, void, (C. C., S. D. N. Y.), 163 F. 281; void, (C. C. A. 2nd Cir.), 170 F. 73.
- 555,171 Railway switch, C. H. Krauss, Feb. 25, 1896, not infringed, (C. C. N. D. Ill., E. D.), 158 F. 636; void if broad enough to cover alleged infringing structure, (C. C. A. 7th Cir.), 171 F. 648.
- 555,190 Alternating-current motor, Nikola Tesla, Feb. 25, 1896, claims 1, 2 and 6 valid, not anticipated by 511,915 or 445,207, infringed by 399,801 and 428,650, (C. C. A. 8th Cir.), 191 F. 350.
- 555,499 Initiation apparatus, E. & U. S. De Moulin, Mar. 3, 1896, claims 1, 2 and 6 void, (C. C. A. 7th Cir.), 199 F. 145.
- 555,605 Hay-carrier, W. Loudon, March 3, 1896, claims 1 to 4 valid but not infringed, (C. C. W. D. Wis.), 186 F. 522; claims 1 to 4 valid and infringed, (C. C. A. 7th Cir.), 195 F. 751.
- 555,669 Air brush, O. C. Wold, Mar. 3, 1896, valid, infringed, (C. C. A. 7th Cir.), 148 F. 227.
- 555,707 See Reissue 11,645.
- 555,893 Centrifugal apparatus for cream separators, G. M. Anderson, Mar. 3, 1896, valid, infringed, (C. C. S. D. N. Y.), 157 F. 238; (C. C. A. 2nd Cir.), 160 F. 668.
- 556,303 Dial holder for watch movements, D. H. Church, Mar. 10, 1896, bill dismissed, (D. C. S. D. N. Y.), 202 F. 225.
- 556,317 Derailing switch, J. Y. Porter, Mar. 10, 1896, void, (C. C. A. 6th Cir.), 206 F. 670.
- 556,532 Ball conduit for pool table, P. M. Cunningham, Mar. 17, 1896, not infringed, (C. C. S. D. N. Y.), 155 F. 120; void, (D. C. W. D. Mo.), 206 F. 468.
- 556,972 Rotary disc plow, Clement A. Hardy, March 24, 1896, claim 2, valid and infringed, (C. C., D. Kansas, Second Division), 170 F. 600; void, (C. C. A. 8th Cir.), 184 F. 61.
- 557,192 Automatic egg boiler, W. E. Curtis, Mar. 31, 1896, claims 1 and 4 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 169; claims 1 and 4 valid, infringed, (C. C. A. 7th Cir.), 164 F. 847.

TABLE I—CHRONOLOGICAL LIST.

- 557,737** Sectional bookcase, O. H. L. Wernicke, Apr. 7, 1896, decree of court below granting an injunction and accounting reversed, (C. C. A. 7th Cir.), 180 F. 401.
- 557,868** Disk grain drill, F. R. Packham, April 7, 1896, on exceptions to master's report, (C. C. A. 6th Cir.), 154 F. 45; valid, not infringed, (C. C. W. D. Wis.), 160 F. 504; decree on master's report affirmed, (C. C. A. 6th Cir.), 162 F. 479; not infringed, (C. C. A. 7th Cir.), 168 F. 923.
- 558,090** Transformer, W. S. Moody, Apr. 14, 1896, complainants closed rebuttal proofs May 2, 1910, (No. 10,776, D. Ind.), General Electric Co. v. Winona Co., not reported.
- 558,506** Printing telegraph machine, Merritt & Joy, Apr. 21, 1896, claim 6 void, (C. C. S. D. N. Y.), 166 F. 473.
- 558,610** Heating and ventilating apparatus, W. P. Powers, Apr. 21, 1896, claims 1, 2 and 3 valid, infringed, (C. C. N. D. Ill., E. D.), 152 F. 984; claims 1 to 3 void, (C. C. A. 7th Cir.), 160 F. 460.
- 558,956** Wheel tire, T. B. Jeffery, Apr. 28, 1896, claims 5 and 10 not infringed, (C. C. W. D. Pa.), 155 F. 982; (C. C. A. 3rd Cir.), 161 F. 337; not infringed, (C. C., S. D. N. Y.), 169 F. 831; not infringed, (C. C. A. 2nd Cir.), 177 F. 691.
- 558,969** Paper bag machine, W. Liddell, Apr. 28, 1896, valid and infringed by 598,497, (C. C. A. 1st Cir.), 150 F. 741; (U. S. Sup. Ct.), 210 U. S. 405; infringed by one type of machine and not infringed by another type, (C. C. Me.), 175 F. 101.
- 559,345** Typewriter, H. L. Wagner, Apr. 28, 1896, claims 17, 18, 19 and 20 not infringed by 852,400, (C. C. S. D. N. Y.), 177 F. 230; claim 26 not infringed, (C. C. A. 2nd Cir.), 180 F. 726; claims 17, 18 and 20 infringed, claim 19 not infringed, by 852,400, (C. C. A. 2d Cir.), 184 F. 329; claim 2 void, claim 3 not infringed if conceded validity, (C. C. A. 2d Cir.), 188 F. 82.

TABLE I—CHRONOLOGICAL LIST.

- 559,642** Sheet metal culvert, James H. Watson, May 5, 1896, void on demurrer, (C. C. N. D. N. Y.), 172 F. 151; not void on its face on demurrer, (C. C. A. 2nd Cir.), 183 F. 586; exceptions sustained in part, (D. C. D. Kans., 2nd Div.), 197 F. 577; void, not infringed if conceded validity, (D. C. N. D. N. Y.), 207 F. 837; valid and infringed, (C. C. A. 2nd Cir.), 218 F. 839.
- 559,790** Pocket for pool tables, P. M. Cunningham, May 5, 1896, claims 1 and 3 void, (C. C. S. D. N. Y.), 155 F. 120; void, (D. C. W. D. Mo.), 206 F. 468.
- 559,910** Armature for dynamos, H. G. Reist, May 12, 1896, invalid, (D. N. J.), General Electric Co. v. Bullock Electric Co.; no testimony taken since filing of replication, (No. 7073, N. D. N. Y.), General Electric Co. v. Pittsburg Reduction Co., not reported; void, claim 2, if novel, not infringed, (C. C. D. N. J.), 155 F. 740.
- 559,913** Alternating current system of distribution, C. P. Steinmetz, May 12, 1896, appearance entered June 6, 1910, answer due July rule day 1910, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported; claim 2 not infringed, (D. C. D. N. J.), 199 F. 169.
- 560,089** Cash register, L. Ehrlich, May 12, 1896, claim 18 void, claims 1, 2, 19, 24, 25, 36 and 37 construed and held not infringed, (C. C. A. 6th Cir.), 213 F. 463.
- 560,171** Multiple drill, A. J. Oehring, May 12, 1896, claim 3 valid and infringed, remaining claims void, (C. C. S. D. N. Y.), 180 F. 476; claims 1 and 3 valid and infringed, (C. C. A. 2nd Cir.), 202 F. 753.
- 561,193** Woven wire fencing, A. J. Bates, June 2, 1896, claims 1 and 3 void, (C. C. N. D. Iowa, Cedar Rapids D.), 160 F. 125; claims 1 and 3 void, (C. C. A. 8th Cir.), 169 F. 413.
- 561,485** Load dumping apparatus, T. Carroll, June 2, 1896, claims 1 and 2 valid and infringed, (C. C. A. 9th Cir.), 173 F. 280.
- 561,656** Can labeling machine, Cornell & Knapp, June 9, 1896, valid, claims 2, 3 and 5 infringed, (C. C. D. Md.), 163 F. 531.
- 561,711** Electric meter, Ralph O. Hood, June 9, 1896, void, (C. C. A. 7th Cir.), 183 F. 423.

TABLE I—CHRONOLOGICAL LIST.

- 562,365 Single phase alternating current motor, E. Arnold, June 23, 1896, bill dismissed, defective title, (C. C. S. D. N. Y.), 148 F. 234.
- 562,864 Dynamo electric machine, N. W. Stover, June 30, 1896, no testimony taken by complainant in rebuttal since defendant's proofs closed Nov. 6, 1905, (E. D. N. Y.), Westinghouse Co. v. American Sugar Refining Co., not reported.
- 563,130 Supports for walls, J. Breuchand, June 30, 1896, valid, infringed, (C. C., S. D. N. Y.), 157 F. 844; claims 1 and 2 valid, infringed, claims 3 and 4 void, (C. C. A. 2nd Cir.), 166 F. 753.
- 563,157 Paper shell cartridge, J. Gardner, June 30, 1896, not infringed, (C. C. S. D. N. Y.), 173 F. 86; not infringed, (C. C. A. 2d Cir.), 184 F. 333.
- 563,527 Process of producing calcium compounds, Thomas L. Willson, July 7, 1896, claim 1, not infringed, (C. C., N. D. N. Y.), 172 F. 136; not infringed, (C. C. A. 2nd Cir.), 181 F. 111.
- 563,531 Trolley catcher, C. F. Wilson, July 7, 1896, held to anticipate claim 2 of 597,159, (C. C. D. Mass.), 173 F. 619.
- 563,664 See Reissue 11,696.
- 563,723 See Reissue 11,624.
- 564,331 Electrical transformer, H. Lemp, July 21, 1896, claims 2, 3 and 9 construed and not infringed, (D. C. D. Conn.), 205 F. 764.
- 564,421 Firearm, T. G. Bennett, July 21, 1896, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.
- 565,276 Snap fastener, E. Kempshall, Aug. 4, 1896, claim 3 void, (C. C. S. D. N. Y.), 149 F. 225.
- 566,871 Underfeed stoker, J. M. Roe, Sep. 1, 1896, anticipates 595,837, claim 1 infringed, (C. C. D. R. I.), 165 F. 65.
- 566,874 Electric distribution machine, W. E. Sinclair, Sept. 1, 1896, claims 1 to 4 valid, infringed, (C. C. N. D. Ill., E. D.), 161 F. 129.
- 566,969 Steam turbine, C. G. Curtis, Sept. 1, 1896, claims 1 to 11 inclusive valid and infringed, (C. C. A. 3rd Cir.), 202 F. 932; valid and infringed, (C. C. A. 3rd Cir.), 211 F. 124.

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- 567,559 Panoramic camera, Angsten & Gesbeck, Sept. 8, 1896, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.
- 568,021 Printing and calculating machine, D. E. Felt, Sept. 22, 1896, claims 47, 48, 49 and 52 void, 41 App. D. C. 427.
- 569,044 Metallic car-truck, J. S. Hardie, Oct. 6, 1896, claims 2, 3 and 6 valid and infringed, (C. C. N. D. Ill., N. D.), 189 F. 601; claims 2, 3 and 6 void, (C. C. A. 7th Cir.), 195 F. 940; same, (C. C. A. 8th Cir.), 197 F. 49.
- 569,903 Finger nail clipper, J. D. C. Wenger, Oct. 20, 1896, petition for leave to file supplemental bills denied, (C. C. D. Conn.), 156 F. 676; held valid and infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 166 F. 762.
- 570,148 Lateral support for car sides and ends, W. A. Thomas, Oct. 27, 1896, void, (C. C. A. 6th Cir.), 149 F. 753.
- 570,224 Machine for making storage battery grids, A. F. Mad-den, Oct. 27, 1896, not for the same invention as 572,-363, (C. C. A. 2nd Cir.), 192 F. 28; claim 2 not in-fringed, (D. C. W. D. N. Y.), 197 F. 745; claim 2 limit-ed and not infringed by 572,363, (C. C. A. 2nd Cir.), 204 F. 280.
- 570,416 Circuit breaker for electrical distribution system, A. J. Wurts, Oct. 27, 1896, claims 3 and 4 valid and in-fringed, (C. C. D. Mass.), 194 F. 430; claims 3 and 4 void, (C. C. A. 1st Cir.), 200 F. 144.
- 570,591 Sheet metal can, Max Ams, Nov. 3, 1896, application for reissue refused, 29 App. D. C. 91.
- 570,906 See Reissue 11,626.
- 571,121 Match safe, O. H. Huebel et al., Nov. 10, 1896, order of court below holding defendant guilty of contempt affirmed, (C. C. A. 2d Cir.), 179 F. 516; appeal from order imposing fine for contempt dismissed, (C. C. A. 2d Cir.), 185 F. 810; order imposing fine for con-tempt affirmed, (C. C. A. 2d Cir.), 185 F. 812.
- 571,297 Electric wall box, W. F. Bossert, Nov. 10, 1896, claim 5 valid and infringed, (C. C. A. 2nd Cir.), 179 F. 385.
- 571,604 Belt conveyor, T. Robins, Jr., Nov. 17, 1896, claim 5 not infringed, (C. C. A. 2nd Cir.), 233 F. 1005.

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- 571,607** Overhead switch and hanger, P. F. Werner, Nov. 17, 1896, claims 2 and 5 valid, not infringed, (C. C. A. 6th Cir.), 171 F. 656.
- 571,836** System of electrical distribution, B. G. Lamme, Nov. 24, 1896, bill dismissed by stipulation Nov. 10, 1908, (No. 1984, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co.; no testimony taken, dismissed by stipulation Nov. 10, 1908, (N. D. Ill.), Westinghouse Co. v. So. Chicago Ry. Co., not reported.
- 571,863** Rotary transformer regulation, R. D. Mershon, Nov. 24, 1896, bill dismissed by stipulation Nov. 10, 1908, (No. 1984, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.
- 572,363** Battery grid and machine for making the same, A. F. Madden, Dec. 1, 1896, not for the same invention as 570,224, (C. C. A. 2nd Cir.), 192 F. 28; does not infringe claim 2 of 570,224, (C. C. A. 2nd Cir.), 204 F. 280.
- 572,561** Elevator signaling apparatus, S. B. Opdyke, Dec. 8, 1896, claims 19, 20 and 21 valid, infringed, (C. C. S. D. N. Y.), 151 F. 497.
- 572,679** Circular knitting machine, D. Hurley, Dec. 8, 1896, not infringed, (C. C. D. Mass.), 156 F. 665; claim 4 infringed, (C. C. A. 1st Cir.), 166 F. 861.
- 572,689** Apple-parer, H. A. & W. Tripp, Dec. 8, 1896, claim 7 valid and infringed, (C. C. W. D. N. Y.), 185 F. 525.
- 572,778** Pole socket, J. H. Stevenson, Dec. 8, 1896, not infringed, (D. C. D. Conn.), 201 F. 696.
- 573,009** Direct current dynamo, B. G. Lamme, Dec. 15, 1896, dismissed by order of court, signed and entered Apr. 14, 1906, (No. 6999, N. D. N. Y.), Westinghouse Co. v. Pittsburg Reduction Co.; bill dismissed Dec. 4, 1905, (E. D. N. Y.), Westinghouse Co. v. American Sugar Refining Co., not reported; see Reissue 12,406.
- 573,107** Field magnet poles, H. G. Reist, Dec. 15, 1896, Court of Appeals on Mar. 5, 1907 affirmed decision of Circuit Court and held patent invalid, (No. 5655, S. D. Ohio), General Electric Co. v. Bullock Electric Co., not reported; void, (C. C. A. 6th Cir.), 152 F. 185.

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- 573,480 Steam blower, H. E. Parson, Dec. 22, 1896, claim 1 not infringed, (C. C. D. N. J.), 180 F. 742; claim 1 not infringed, (C. C. A. 3d Cir.), 185 F. 522.
- 573,672 Diamond-polishing dop, Loesser & Loesser, Dec. 22, 1896, claims 2 and 3 valid and infringed, (C. C. E. D. N. Y.), 189 F. 391; claims 2 and 3 void, also not infringed if conceded invention, (C. C. A. 2nd Cir.), 198 F. 401.
- 573,868 Book-typewriter, R. J. Fisher, Dec. 29, 1896, held to infringe 580,281, (C. C. A. 2nd Cir.), 159 F. 439.
- 574,073 Hammock attachment, I. E. Palmer, Dec. 29, 1896, valid and infringed, (C. C. E. D. Pa.), 176 F. 573.
- 574,116 Bolster for railway cars, Charles T. Schoen, Dec. 29, 1896, claim 2, void, (C. C. A. 3rd Cir.), 169 F. 109.

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- 574,616 Mold for casting rolls, John L. Lewis, Jan. 5, 1897, not infringed, (C. C., W. D. Pa.), 169 F. 422.
- 574,675 Wall register, C. H. Foster, Jan. 5, 1897, validity not adjudicated, plea of laches sustained and bill dismissed, (D. C. E. D. Mo., E. D., March 5, 1912), *Foster v. Symonds*, not reported.
- 574,822 Coal-mining machine, E. P. Rauscher, Jan. 5, 1897, not infringed, (C. C. A. 7th Cir.), 203 F. 490.
- 574,894 Hat packing ring, F. P. Ferry, Jan. 12, 1897, preliminary injunction granted, (C. C. S. D. N. Y.), 171 F. 437; order of court below granting a preliminary injunction reversed, (C. C. A. 2nd Cir.), 178 F. 550; motion to compel witness to answer questions denied, (C. C. D. N. J.), 185 F. 816; not infringed, (C. C. A. 3rd Cir.), 195 F. 71.
- 575,170 Electric conductor, H. T. Richards, Jan. 12, 1897, bill dismissed by stipulation, (C. C. S. D. N. Y.), *Safety Insulated Wire & Cable Co. v. Goodyear Rubber Insulating Co.*, not reported.
- 575,187 Sanding machine, Louis Welker, Jan. 12, 1897, claim 3, void, (C. C. N. D. W. Va.), 169 F. 640; claim 3 void, (C. C. A. 4th Cir.), 181 F. 492.

TABLE I—CHRONOLOGICAL LIST.

- 575,733 Electric signaling system, W. McC. Ramsey, Jan. 26, 1897, void, (D. C. E. D. Pa.), 236 F. 353.
- 576,094 Car coupling, Henry Dietz, Feb. 2, 1897, not infringed, (C. C. A. 6th Cir.), 171 F. 847.
- 577,639 Wire fence machine, A. J. Bates, Feb. 23, 1897, claims 1 to 11, 19, 27 and 35 valid, infringed, (C. C. N. D. Iowa, Cedar Rapids D.), 160 F. 108; valid, and infringed by patent No. 788,305, (C. C. A. 8th Cir.), 169 F. 793; not infringed, (C. C. N. D. Ia.), 176 F. 564; not infringed, (C. C. A. 8th Cir.), 194 F. 117.
- 577,739 Device for regulating the quality of gas, E. J. Frost et al., Feb. 23, 1897, infringed, (C. C. A. 4th Cir.), 175 F. 779; on motion to retax costs, (C. C. D. Md.), 182 F. 847.
- 577,809 Tufting machine, H. B. Pitner, Feb. 23, 1897, void, (C. C. A. 6th Cir.), 151 F. 478.
- 578,133 Folding mechanism, B. F. Brown, Mar. 2, 1897, valid, infringed, (C. C. A. 2nd Cir.), 148 F. 985; on exceptions to master's report, (C. C. W. D. N. Y.), 171 F. 438; on exception to master's report, (C. C. A. 2nd Cir.), 175 F. 576.
- 578,550 Paper bag machine, C. E. Dulin, Mar. 9, 1897, not infringed by 736,673, (C. C. A. 6th Cir.), 194 F. 126.
- 578,551 Vehicle tire, C. E. Duryea, Mar. 9, 1897, decree of District Court dismissing bill affirmed, (C. C. A. 7th Cir.), 234 F. 334.
- 578,576 Fifth wheel for vehicles, H. E. Morrill, Mar. 9, 1897, valid, infringed, (C. C. N. D. Ill., E. D.), 153 F. 201.
- 579,595 Graphophone, T. H. Macdonald, Mar. 30, 1897, invalid, (C. C. A. 2nd Cir.), 235 F. 137.
- 580,000 Socket member for glove fastener, E. Pringle, April 6, 1897, claim 1 valid, infringed, (C. C. A. 2nd Cir.), 149 F. 222.
- 580,001 Separable button, E. Pringle, April 6, 1897, not infringed by 645,624, (C. C. A. 2nd Cir.), 151 F. 1022.
- 580,127 Window, J. H. Giesey, Apr. 6, 1897, charge of the bill relative to the infringement of this patent, abandoned, (C. C. D. N. J.), 178 F. 831.

TABLE I—CHRONOLOGICAL LIST.

- 580,151 Fluid distributor, W. S. Barnard, Apr. 6, 1897, valid and infringed, (C. C. A. 6th Cir.), 176 F. 561; not infringed, (C. C. A. 6th Cir.), 222 F. 915.
- 580,281 Typewriter escapement, F. W. Hillard, April 6, 1897, claims 30 to 35, 37, 38 and 41 valid, infringed, (C. C. S. D. N. Y.), 151 F. 34; same claims infringed by 573,-868, (C. C. A. 2nd Cir.), 159 F. 439; void, (C. C. S. D. N. Y.), 163 F. 281; void, (C. C. A. 2nd Cir.), 170 F. 73; void, (C. C. A. 2nd Cir.), 195 F. 932.
- 580,742 Onion topping machine, A. E. Vrooman et al., Apr. 19, 1897, infringed, (C. C. A. 6th Cir.), 179 F. 296; petition for rehearing of 179 F. 296 denied, (C. C. A. 6th Cir.), 186 F. 495; decree modified, (C. C. A. 6th Cir.), 222 F. 894; decree of dismissal affirmed, (C. C. A. 6th Cir.), 222 F. 900.
- 580,817 Machine for packaging decorative films, W. H. Coe, Apr. 13, 1897, valid and infringed, (D. C. D. R. I.), 199 F. 435; not infringed, (C. C. A. 1st Cir.), 212 F. 720.
- 580,863 See Reissue 12,582.
- 580,924 Firearm, John M. Browning, April 20, 1897, claims 7 and 13 not infringed by 804,985, (C. C. A. 2nd Cir.), 190 F. 553.
- 580,925 Magazine fire-arm, J. M. Browning, April 20, 1897, claim 14 if valid not infringed, (C. C. S. D. N. Y.), 164 F. 197; claim 14 if conceded validity not infringed, (C. C. A. 2nd Cir.), 174 F. 151.
- 581,123 Binder, L. M. Leslie, April 20, 1897, on demurrer to bill, (C. C. S. D. N. Y.), 157 F. 236.
- 581,124 Loose sheet binders, L. M. Leslie, April 20, 1897, on demurrer to bill, (C. C. S. D. N. Y.), 157 F. 236.
- 582,131 Alternating current distribution, B. G. Lamme, May 4, 1897, complainant's prima facie proofs closed June 1, 1907, awaiting defendant's testimony, (No. 76, S. D. Ill.), Westinghouse Co. v. Galesburg Ry. & Light Co., not reported.
- 582,217 Bunk car, H. J. Morton, May 11, 1897, prima facie proofs closed, (C. C. Chicago), Morton v. A. H. Andrews Co. not reported; valid and infringed, (C. C. A. 7th Cir.), 229 F. 145.

TABLE I—CHRONOLOGICAL LIST.

- 582,325** Metal-founding machine, Tabor & Mumford, May 11, 1897, claims 8 to 12 not infringed, (C. C. E. D. Pa.), 190 F. 179; claims 8 to 12 not infringed, (C. C. A. 3d Cir.), 191 F. 166.
- 582,476** See Reissue 11,666.
- 582,481** Electrical machine, E. E. Nolan, May 11, 1897, claims 2 and 4 valid and infringed, and claims 1 and 3 invalid, (No. 5686, S. D. Ohio), Westinghouse Co. v. Bullock Electric Co.; decision to same effect of lower court affirmed by Court of Appeals, (D. N. J.), Westinghouse Co. v. Prudential Ins. Co. of America; case at issue Mar. 1909, no testimony taken, (D. N. J.), Westinghouse Co. v. Hudson County Consumers Brewing Co.; motion for injunction withdrawn, order dismissing bill Jan. 6, 1910, (S. D. N. Y.), Westinghouse Co. v. Sears, Roebuck & Co.; (S. D. N. Y.), Westinghouse Co. v. Hecker Jones Co.; motion for injunction granted, appealed to Ct. of Appeals and argued May 3, 1910, awaiting decision, (N. D. Ill.), Westinghouse Co. v. Mandell Bros.; (N. D. Ill.), Westinghouse Co. v. J. E. Tilt Show Co.; motion for injunction denied, case at issue Mar. 7, 1910, no testimony taken, (D. N. J.), Westinghouse Co. v. Allis-Chalmers Co., not reported; claims 1 and 3 void, claims 2 and 4 valid, infringed, (C. C. D. N. J.), 155 F. 749; claims 2 and 4 valid, infringed, (C. C. A. 3d Cir.), 158 F. 985; claims 1 and 3 void, (C. C. A. 3d Cir.), 158 F. 987; disclaimer as to claims 1 and 3 filed April 27, 1908; claims 2 and 4 anticipated by British 2184 of 1893, order granting preliminary injunction, (Westinghouse Co. v. J. E. Tilt Shoe Co., above noted, reversed), (C. C. A. 7th Cir.), 185 F. 110.
- 583,227** System of card records, J. N. Gunn, May 25, 1897, claims 1, 2 and 3 valid, infringed, (C. C. S. D. N. Y.), 148 F. 239; void, (C. C. A. 2nd Cir.), 152 F. 434.
- 583,247** Metal eave, William A. Burnham, May 25, 1897, claim 1 void, (C. C. D. N. J.), 190 F. 172; claim 1 valid and infringed, (C. C. A. 3d Cir.), 195 F. 75.

TABLE I—CHRONOLOGICAL LIST.

- 583,320 Calculagraph, Henry Abbott, May 25, 1897, claims 1 and 2 not infringed, (C. C. A. 2d Cir.), 187 F. 276.
- 583,632 Automatic heat regulator, A. Roesch, June 1, 1897, decree directing assignment, (C. C. E. D. N. Y.), 148 F. 705.
- 583,633 Thermostat, A. Roesch, June 1, 1897, decree directing assignment, (C. C. E. D. N. Y.), 148 F. 705.
- 584,340 Hoist, H. L. Ferris, June 15, 1897, limited and held not infringed by 785,385, (C. C. A. 7th Cir.), 148 F. 220.
- 584,787 Rotary neostyle, H. W. Lowe, June 22, 1897, decree (145 F. 933) affirmed, (U. S. Sup. Ct.), 207 U. S. 196.
- 585,122 See Reissue 11,831.
- 585,944 Memorandum calendar, J. R. Wilson, July 6, 1897, not infringed, (C. C. N. D. Ill., E. D.), 161 F. 752; not infringed, (C. C. A. 7th Cir.), 171 F. 842; valid and infringed as to claim 1, (C. C. A. 2nd Cir.), 204 F. 285.
- 586,076 Tobacco packing machine, W. Rose, July 6, 1897, valid and infringed, (D. C. E. D. Va.), 220 F. 163.
- 586,193 See Reissue 11,913.
- 586,337 Linotype mechanism, D. S. Kennedy, July 13, 1897, claims 1 and 2 void, (D. C. S. D. N. Y.), 229 F. 168.
- 586,964 Solder saving device, O. S. Fellows, July 27, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.
- 586,966 Solder saving device, O. S. Fellows, July 27, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.
- 586,967 Solder saving device, O. S. Fellows, July 27, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.
- 586,996 Liquid shut-off, J. H. Glauber, July 27, 1897, claim 1, valid and infringed, (C. C. A. 7th Cir.), 169 F. 110; petition to file bill of review denied, (C. C. A. 7th Cir.), 181 F. 1022.
- 587,308 Net leader, E. Haataja, Aug. 3, 1897, valid, infringed, (C. C. D. Oregon), 155 F. 535.
- 587,366 Fire pot and grate for stoves, E. G. Germer, Aug. 3, 1897, void, (C. C. A. 6th Cir.), 150 F. 141.

TABLE I—CHRONOLOGICAL LIST.

- 587,441** Regulator for electric machines, W. H. Knight et al., Aug. 3, 1897, no testimony taken since filing of replication, (No. 1900, N. D. Ohio), General Electric Co. v. Toledo etc. Co., not reported; claims 1 and 2 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 951; valid, infringed, (C. C. A. 7th Cir.), 168 F. 52.
- 587,442** Method of regulating electrically driven mechanism, W. H. Knight et al., Aug. 3, 1897, no testimony taken since filing of replication, (No. 1900, N. D. Ohio), General Electric Co. v. Toledo etc. Co., not reported; claims 3, 4 and 9 not infringed, (C. C. N. D. Ill., E. D.), 159 F. 951; valid, infringer, (C. C. A. 7th Cir.), 168 F. 52.
- 587,633** Fastener for stair carpets, H. C. Adams, Aug. 3, 1897, claim 1 void, claim 2 not infringed, (C. C. A. 2nd Cir.), 151 F. 497.
- 587,678** Self-feeding furnace, T. Murphy, Aug. 3, 1897, claims 14 and 17 valid and infringed, (C. C. A. 7th Cir.), 215 F. 590.
- 587,939** Nursing nipple, W. M. Decker, Aug. 10, 1897, valid and infringed, (D. C. N. D. N. Y.), 196 F. 784; on exceptions and motion to strike from files, (D. C. N. D. N. Y.), 225 F. 776; void, (C. C. A. 2nd Cir.), 234 F. 646.
- 588,490** Brush holder support for electric machines, S. H. Short, Aug. 17, 1897, complainant's prima facie proofs closed Feb. 5, 1910, awaiting defendant's proofs, (D. N. J.), Westinghouse Co. v. Bullock Co., not reported.
- 588,954** Hair-clipper, G. H. Coates, Aug. 31, 1897, does not infringe 481,254, (D. C. D. Mass.), 195 F. 84.
- 589,168** See Reissues 12,037, 12,038, 12,192 and 13,329.
- 589,342** Acetylene gas burner, E. J. Dolan, Aug. 31, 1897, claims 1, 2 and 3 void, (C. C. A. 6th Cir.), 155 F. 731; decree (155 F. 731 and 155 F. 740) affirmed, (U. S. Sup. Ct.), 215 U. S. 161.
- 590,133** See Reissue 11,751.
- 590,137** Telephone system—automatic ringing, W.W.Dean, Sept. 14, 1897, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey; not reported.

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- 590,185 Telephone system—automatic ringing, W.W.Dean, Sept. 14, 1897, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey; not reported.
- 590,286 Side bearing for railway cars, John C. Wands, Sept. 21, 1897, claims 1 and 2 void, (C. C., N. D. Ill., E. D.), 170 F. 968; void, (C. C. A. 7th Cir.), 178 F. 449.
- 590,675 Ore concentrator, Arthur R. Wilfley, Sept. 28, 1897, action on contract, (C. C. A. 9th Cir.), 164 F.421; claims 1, 2 and 7 valid and infringed, (D. C. W. D. Mo.), 197 F. 897; claims 1, 2 and 7 valid and infringed, (C. C. A. 9th Cir.), 215 F. 100.
- 591,561 Thill coupling, H. A. Moyer and C. J. Graf, Oct. 12, 1897, void because of prior use, (C. C., S. D. N. Y.), 169 F. 825; valid and infringed, (C. C. A. 2nd Cir.), 178 F. 130; order of lower court denying motion for preliminary injunction affirmed, (C. C. A. 2nd Cir.), 209 F. 231.
- 591,869 Electric transformer, W. S. Moody, Oct. 19, 1897, complainant's prima facie proofs not completed, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported; not infringed by 873,166, (D. C. D. N. J.), 197 F. 558.
- 593,206 Embroidering machine, J. A. Groebli, Nov. 9, 1897, valid but not infringed, (D. C. E. D. N. Y.), 222 F. 71.
- 593,208 Embroidering machine, J. A. Groebli, Nov.9, 1897, valid but not infringed, (D. C. E. D. N. Y.), 222 F. 71.
- 593,410 Car truck bolster, C. E. Bauer, Nov. 9, 1897, claims 1, 2, 4 and 5 void; claim 6 valid and infringed, (C. C. S. D. N. Y.), 177 F. 426; claim 6 valid and infringed, (C. C. A. 2d Cir.), 189 F. 70.
- 593,720 Coin controlled telephone pay station, W. Gray, Nov. 16, 1897, valid and infringed, (C. C. A. 7th Cir.), 174 F. 417.
- 593,954 Chest and neck protector, J. H. Way, Nov. 16, 1897, claim 2 void, (C. C. E. D. Pa.), 150 F. 374.

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- 594,036** Vacuum or X-ray tube, H. L. Sayen, Nov. 23, 1897, claim 1 void, claims 2 and 3 valid, infringed, (C. C. N. D. Ill., E. D.), 149 F. 771; preliminary injunction granted, (C. C. E. D. Pa.), 165 F. 453; motion to punish for contempt granted, (C. C. E. D. Pa.), 170 F. 611; claims 2 and 3 valid and infringed, on motion for preliminary injunction, (C. C. N. D. Ill., E. D.), 191 F. 201.
- 594,144** Regulation of alternating current systems, C. P. Steinmetz, Nov. 23, 1897, bill dismissed by stipulation Nov. 10, 1908, (No. 1999, N. D. Ohio), General Electric Co. v. Toledo, etc. Co.; claims 1, 2, 3, 5, 6, 7, 12, 18 and 22 void, (C. C. A. 7th Cir.), 188 F. 77.
- 594,286** Mold for casting car wheels, E. R. Robinson, Nov. 23, 1897, judgment (142 F. 170) reversed with leave to amend, (C. C. A. 7th Cir.), 150 F. 331.
- 594,457** Machine for forming nipples, A. C. Campbell, Nov. 30, 1897, valid, infringed, (C. C. D. Conn.), 162 F. 486; claims 1 to 5, 23 to 28, 31 and 35 valid, infringed, (C. C. A. 2nd Cir.), 167 F. 538.
- 594,673** Jock-strap and suspensory, C. F. Bennett, Nov. 30, 1897, valid and infringed, (C. C. E. D. Wis.), 174 F. 424.
- 595,181** Grab-hook, D. H. Langan, Dec. 7, 1897, void, (C. C. W. D. Pa.), 181 F. 143; void, (C. C. A. 3d Cir.), 184 F. 720.
- 595,231** See Reissue 11,905.
- 595,236** Load dumping apparatus, T. Carroll, Dec. 7, 1897, claims 1, 6 and 7 valid and infringed, (C. C. A. 9th Cir.), 173 F. 280.
- 595,410** Electric motor, E. D. Priest, Dec. 14, 1897, case at issue Jan. 3, 1910, no testimony taken, (No. 10,973, D. Ind.), General Electric Co. v. Winona Interurban Ry. Co., not reported.
- 595,435** Steam turbine, C. G. Curtis, Dec. 14, 1897, claims 1 to 4 inclusive void, (C. C. A. 3rd Cir.), 202 F. 932; claims 1 to 4 void, (C. C. A. 3rd Cir.), 211 F. 124.
- 595,693** Suspension of aerial cables, George Cameron, Dec. 21, 1897, claims 5 to 9 void, (C. C. E. D. Pa.), 189 F. 396.
- 595,704** Solder saving device, O. S. Fellows, Dec. 21, 1897, void, (C. C. S. D. N. Y.), 180 F. 421.

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- 595,705 Solder saving device, O. S. Fellows, Dec. 21, 1897, void, (C. C. S. D. N. Y.), 180 F. 421; (C. C. A. 2nd Cir.), 205 F. 901.
- 595,837 Underfeed stoker, J. M. Roe, Dec. 21, 1897, claim 1 anticipated by 566,871, (C. C. D. R. I.), 165 F. 65.
- 595,852 Sectional steam boiler, W. D. Hoxie, Dec. 21, 1897, valid, infringed, (C. C. D. N. J.), 151 F. 265.

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- 596,656 Stamp holder, F. G. Farnham, Jan. 4, 1898, claims 1 and 2 void, 47 Ct. of Cls. 207; claims 1 and 2 void, findings amended on motion for new trial, 49 Ct. of Cls. 19; judgment affirmed, (U. S. Sup. Ct.), 240 U. S. 537.
- 596,730 Piano player, M. S. Wright, Jan. 4, 1898, not infringed, (C. C. S. D. N. Y.), 173 F. 83; not infringed, (C. C. A. 2nd Cir.), 178 F. 826.
- 597,159 Tender for trolley ropes, C. F. Wilson, Jan. 11, 1898, claim 2 void anticipated by 563,531, (C. C. D. Mass.), 173 F. 619.
- 597,300 Computing scale, A. U. Smith, Jan. 11, 1898, claim 2 void, (C. C. A. 7th Cir.), 208 F. 410.
- 597,686 Store or counter stool, A. R. Milner, Jan. 18, 1898, damages and profits, (C. C. A. 6th Cir.), 166 F. 120.
- 598,497 Paper bag machine, E. E. Claussen, Feb. 8, 1898, infringes 558,969, (C. C. A. 1st Cir.), 150 F. 741.
- 598,610 Coin controlled telephone pay station, W. Gray, Feb. 8, 1898, void, (C. C. A. 7th Cir.), 174 F. 417.
- 599,428 Type-writing machine, G. B. Webb, Feb. 22, 1898, does not infringe claims 8, 11, 12 or 15 of 791,420, (C. C. A. 2d Cir.), 186 F. 334.
- 599,438 Knitted fabric, W. M. Bell, Feb. 22, 1898, not infringed, (C. C. A. 2nd Cir.), 149 F. 205.
- 599,587 Magazine firearm, Bennett & Mason, Feb. 22, 1898, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.
- 600,186 Fireproof window, F. Voightmann, Mar. 8, 1898, void, (C. C. A. 8th Cir.), 148 F. 848; demurrer to bill overruled, (C. C. S. D. N. Y.), 176 F. 371; claims 5, 6 and 7 void, (C. C. A. 2nd Cir.), 198 F. 485.

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- 600,228 Transformer, C. Kurda, Mar. 8, 1898, valid and infringed, (C. C. A. 7th Cir.), 183 F. 418.
- 600,429 Isomerid of ionone and method of producing the same, E. De Laire, Mar. 8, 1898, valid, infringed, (C. C. S. D. N. Y.), 165 F. 934; decree affirmed, (C. C. A. 2nd Cir.), 169 F. 1021.
- 600,826 Process of mercerizing vegetable fibers and fabrics, Thomas & Prevost, Mar. 15, 1898, anticipated by British patent to Lowe, 4452 of 1890, (C. C., D. Mass.), 147 F. 725.
- 600,827 Process of mercerizing vegetable fibers and fabrics, Thomas & Prevost, Mar. 15, 1898, anticipated by British patent to Lowe, 4452 of 1890, (C. C. D. Mass.), 147 F. 725.
- 601,408 Cam for knitting machines, W. T. Barratt, Mar. 29, 1898, not infringed, (C. C. D. Mass.), 156 F. 665.
- 601,622 Shoe last, A. D. Tyler, Mar. 29, 1898, claims 1, 2, 3 and 5 valid and infringed, (D. C. D. Mass.), 196 F. 900.
- 601,995 Albumen preparation soluble in water (Sanatogen), Bauer & Busch, Apr. 5, 1898, question certified by App. D. C. answered in negative, (U. S. Sup. Ct.), 229 U. S. 1; demurrer sustained and bill dismissed, 41 App. D. C. 1.
- 602,509 Extension table, W. H. Klein, Apr. 19, 1898, not infringed. (C. C. A. 7th Cir.), 212 F. 738.
- 602,743 Device for closing punctures in pneumatic tires, G. F. Glidden, Apr. 19, 1898, claims 1, 2, 4, 5 and 10, valid and infringed, (C. C. D. Conn.), 172 F. 149; valid and infringed by 818,402, (C. C. A. 2nd Cir.), 178 F. 91.
- 602,770 Exhauster, N. B. Pratt, Apr. 19, 1898, Pratt Engineering & Machine Co. v. B. F. Sturtevant Co., pending, (D. C. D. Mass.), for compl., Edmund H. Parry; same v. same, pending, (Sup. Ct. D. C.), for compl., Edmund H. Parry.
- 603,406 Bookbinding machine, J. McClellan, May 3, 1898, void, (C. C. A. 2nd Cir.), 204 F. 286.
- 603,428 Temporary binder, L. M. Leslie, May 3, 1898, on demurrer to bill, (C. C., S. D. N. Y.), 157 F. 236; claims 3, 4, 7 and 12 valid, not infringed, (C. C. S. D. N. Y.), 168 F. 284.

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- 603,699 Cithern or "Zither," C. T. Menze, May 10, 1898, claims 1 to 3 not infringed, (C. C. D. N. J.), 154 F. 845.
- 603,841 Blotter bath, Fairbank & Cantril, May 10, 1898, claims 2 and 4 valid, infringed, (C. C. N. D. Ill., E. D.), 157 F. 556.
- 604,346 Wardrobe trunk, S. W. Bonsall, May 17, 1898, claim 3 valid, infringed, claims 4 and 5 void, (C. C. S. D. N. Y.), 161 F. 564; decree of court below holding claim 3 valid and infringed, claims 4 and 5 void, affirmed, (C. C. A. 2nd Cir.), 175 F. 1019.
- 604,465 Electric meter, T. Duncan, May 24, 1898, claims 3, 6 and 7 not infringed by 752,048, (C. C. A. 7th Cir.), 163 F. 839.
- 604,560 See Reissue 11,843.
- 604,676 Weather-strip, John Follansbee, May 24, 1898, claim 2 not infringed by 805,155, (C. C. A. 8th Cir.), 187 F. 837.
- 605,138 Barrel washer, G. Schock, June 7, 1898, void, (C. C. A. 7th Cir.), 147 F. 229.
- 605,399 Hydraulic mechanism for closing bulkhead doors, W. B. Cowles, June 7, 1898, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.
- 605,734 Take-down gun, W. Mason, June 14, 1898, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.
- 605,947 Necktie, C. W. T. Davies, June 21, 1898, not infringed, (C. C. S. D. N. Y.), 153 F. 759; valid, infringed, (C. C. A. 2nd Cir.), 160 F. 661.
- 606,015 System of electrical distribution, B. G. Lamme, June 21, 1898, bill dismissed, (C. C. D. N. J.), 168 F. 91; valid and infringed, (C. C. A. 3rd Cir.), 176 F. 362.
- 606,528 Machine for folding and pressing blanks for collars and cuffs, A. D. Fenwick, June 28, 1898, claim 52 infringed on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.
- 607,304 Beer-pasteurizing apparatus, E. Wagner, July 12, 1898, claim 1 void, anticipated by British 5,065 of 1881, (C. C. A. 8th Cir.), 190 F. 573.

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- 607,759 Baking pan, Joseph Mathy, July 19, 1898, cited in trademark interference in re the word "Savory" as a trademark for baking or roasting pans, 35 App. D. C. 151.
- 607,848 Embroidering machine, J. A. Groebli, July 26, 1898, valid but not infringed, (D. C. E. D. N. Y.), 222 F. 71.
- 608,220 Mechanical movement for washing machine, A. Plagman, Aug. 2, 1898, not infringed by 740,868, (C. C. A. 8th Cir.), 159 F. 726.
- 608,653 Hay stacker, J. Dain, Jr., Aug. 9, 1898, valid and infringed, (D. C. E. D. Mo., N. D., Jan. 23, 1912), Dain Mfg. Co. of Iowa v. Superior Haystacker Mfg. Co., not reported; claims 1, 2, 4 and 12 valid and infringed by 819,187, (C. C. A. 8th Cir.), 208 F. 549.
- 608,842 Electric meter, Davis & Conrad, Aug. 9, 1898, claims 9 and 10 not infringed, (C. C. A. 2nd Cir.), 200 F. 584.
- 609,036 Typewriter, E. J. Manning, Aug. 16, 1898, claims 1 and 3 not infringed, (C. C. A. 2nd Cir.), 224 F. 477.
- 609,154 Wireless telegraph apparatus, O. J. Lodge, Aug. 16, 1898, valid and infringed, (D. C. E. D. N. Y.), 213 F. 815; infringed on motion for preliminary injunction, (D. C. S. D. N. Y.), 225 F. 65; order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 225 F. 373.
- 609,200 See Reissue 11,811.
- 609,320 Vehicle-tire, C. T. Adams, Aug. 16, 1898, not infringed, (C. C. D. Conn.), 189 F. 402; valid and infringed, (C. C. A. 2nd Cir.), 200 F. 743.
- 609,429 Embroidering machine, J. A. Groebli, Aug. 23, 1898, valid but not infringed, (D. C. E. D. N. Y.), 222 F. 71.
- 609,800 Radiator, A. H. Fowler, Aug. 30, 1898, claims 1 and 2 not infringed, (C. C. A. 3rd Cir.), 172 F. 661; claims 1 to 4 inclusive void, (D. C. S. D. N. Y.), 202 F. 964; not infringed, (C. C. W. D. Pa.), 203 F. 514; claims 1 and 2 valid and infringed, claims 3 and 4 void, (C. C. A. 2nd Cir.), 215 F. 905; void, (C. C. A. 2nd Cir.), 234 F. 635.

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- 609,928** Thill coupling, C. C. Bradley, Aug. 30, 1898, infringed, (C. C. A. 2nd Cir.), 158 F. 98; not infringed, (C. C. N. D. N. Y.), 165 F. 447; held infringed on motion for preliminary injunction, (C. C. S. D. N. Y.), 166 F. 327; void, (C. C. A. 2nd Cir.), 175 F. 75.
- 609,954** Paper feeding mechanism, T. A. Briggs, Aug. 30, 1898, claim 10 valid and infringed, (D. C. D. Mass.), 220 F. 313; claim 10 valid and infringed, (C. C. A. 1st Cir.), 227 F. 600.
- 609,977** Electric railway motor, A. Schmid, Aug. 30, 1898, claims 1, 2, 3, 4 and 6 valid and infringed, (C. C. D. N. J.), 180 F. 751; no testimony taken since filing of replication, (No. 5924, S. D. Ohio), Westinghouse Co. v. Bullock Co.; bill dismissed by stipulation, (No. 1919, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported; claims 1, 2, 3, 4 and 6 valid and infringed, (C. C. A. 3d Cir.), 184 F. 722.
- 610,861** Film support for photographic purposes, H. Goodwin, Sept. 13, 1898, claims 1, 6, 8, 10 and 12 valid and infringed, (D. C. W. D. N. Y.), 207 F. 351; (C. C. A. 2nd Cir.), 213 F. 231; on motion for injunction, (C. C. A. 2nd Cir.), 213 F. 239.
- 611,259** Autographic register, A. Krauth, Sept. 27, 1898, void, (C. C. A. 2nd Cir.), 202 F. 217.
- 611,438** Speed wagon, F. W. Phillips, Sept. 27, 1898, valid, infringed, (C. C. W. D. N. Y.), 160 F. 966; decree of court below holding infringement affirmed, (C. C. A. 2nd Cir.), 173 F. 1021.
- 611,563** Dough working and shaping machine, W. S. & C. I. Corby, Sept. 27, 1898, claims 1, 2, 4, 5 and 16 void, (C. C. A. 3rd Cir.), 230 F. 142.
- 611,782** Process of treating raisins, W. Forsyth, Oct. 4, 1898, claims 7 to 12 void, (C. C. A. 9th Cir.), 195 F. 264.
- 611,900** Process of enameling metal surfaces, Garland & Garland, Oct. 4, 1908, valid and infringed, (C. C. A. 6th Cir.), 207 F. 346.

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- 611,907** Cement girder, F. Hennebique, Oct. 4, 1898, not infringed, (C. C. D. Md.), 163 F. 300; not infringed, (C. C. A. 4th Cir.), 169 F. 287; not limited in term in view of prior French patent of addition, (C. C. A. 3rd Cir.), 172 F. 869; not infringed, (C. C. A. 8th Cir.), 182 F. 496.
- 612,701** Igniter for gas, oil or vapor engines, F. W. Canfield, Oct. 18, 1898, valid but not infringed, (D. C. S. D. N. Y.), 200 F. 433; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 364.
- 612,702** Electric railway switch, R. V. Cheatham, Oct. 18, 1898, charge of court held not erroneous, (C. C. A. 2nd Cir.), 194 F. 963; valid and infringed, (D. C. E. D. N. Y.), 203 F. 285; decree affirmed, (C. C. A. 2nd Cir.), 209 F. 229; motion for preliminary injunction denied, (D. C. E. D. N. Y.), 226 F. 495; claim 3 not infringed by 1,152,791, (D. C. E. D. N. Y.), 227 F. 613; motion by complainant for decree denied, (D. C. E. D. N. Y.), 229 F. 165; claim 3 not infringed by 1,152,791, (C. C. A. 2nd Cir.), 238 F. 172.
- 612,825** Can labeling machine, E. W. Cornell, Oct. 25, 1898, claim 1 valid, infringed, claim 6 void, (C. C., D. Md.), 163 F. 531.
- 612,858** Typewriter, E. J. Manning, Oct. 25, 1898, suit dismissed, (D. C. E. D. N. Y.), 221 F. 652.
- 613,821** Shoe upper, G. L. Motteler, Nov. 8, 1893, suit pending, defense of prior use, (No. 5791, C. C. St. Louis), Geo. L. Motteler v. Brown Shoe Co., not reported.
- 614,279** Bin, Edwin J. Walker, Nov. 15, 1898, claim 1 valid and infringed, preliminary injunction granted, (C. C. W. D. Pa.), 188 F. 435; valid and infringed, (D. C. E. D. La.), 224 F. 516; valid and infringed, (C. C. A. 5th Cir.), 225 F. 45; valid and infringed, (C. C. A. 3rd Cir.), 225 F. 46; valid and infringed, (C. C. A. 6th Cir.), 230 F. 453.
- 614,587** Means for protecting edges of concrete work, H. H. Wainwright, Nov. 22, 1898, void, (C. C., E. D. La.), 155 F. 279.
- 615,500** Coat pad, C. W. Schweichler, Dec. 6, 1898, void, (C. C. A. 7th Cir.), 147 F. 704.

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- 615,784 Thermocauter lancet, W. H. Beach, Dec. 13, 1898, held to anticipate 727,034, (C. C. A. 7th Cir.), 174 F. 45.
- 615,909 See Reissue 13,489.
- 615,921 Bill hook and advertising card, H. D. Studebaker, Dec. 13, 1898, not infringed, (C. C. W. D. N. Y.), 167 F.565.
- 616,394 Pump-curb reservoir, C. A. Bartliff, Dec. 20, 1898, claim 1 not infringed, (D. C. W. D. Mo. W. D.), 198 F. 857.
- 616,659 Gyratory stone crusher, Gates & Capen, Dec. 27, 1898, void, (C. C. A. 8th Cir.), 147 F. 700.

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- 617,615 Reinforced concrete arch, E. Thacker, Jan. 10, 1899, valid and infringed, (D. C. D. Md.), 219 F. 909; not infringed, (D. C. S. D. N. Y.), 228 F. 905; claims 1 and 3 not infringed, (C. C. A. 2nd Cir.), 234 F. 640; void, (D. C. D. Me.), 235 F. 151; not infringed, (D. C. S. D. Ia., C. D.), 235 F. 724.
- 617,942 Acetylene gas burner, H. E. Shaffer, Jan. 17, 1899, void, (C. C. A. 2nd Cir.), 147 F. 253.
- 618,065 Safety attachment for presses, Dicks & Warman, Jan. 24, 1899, claim 1 infringed, (C. C. A. 2nd Cir.), 229 F. 573.
- 618,154 Type-writing machine, G. B. Webb, Jan. 24, 1899, does not infringe claims 8, 11, 12 or 15 of 791,420, (C. C. A. 2d Cir.), 186 F. 334.
- 618,163 Electric motor control, W. M. Brown, Jan. 24, 1899, Court of Appeals on June 8, 1909 affirmed decision of lower court dismissing bill of complaint, (No. 1910, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported; claim 6, anticipated by Potter patent 524,396, (C. C. A. 6th Cir.), 172 F. 371.
- 618,428 Candy machine, Morrison & Wharton, Jan. 31, 1899, valid, claim 1 infringed, (C. C., E. D. Mo.), 156 F. 972; claim 1 infringed, (C. C. D. N. J.), 161 F. 552; claim 1 not infringed, (C. C. A. 3rd Cir.), 166 F. 764.
- 618,458 Embroidering machine, J. A. Groebli, Jan. 31, 1899, valid but not infringed, (D. C. E. D. N. Y.), 222 F. 71.

TABLE I—CHRONOLOGICAL LIST.

- 619,441 Linotype mechanism, J. R. Rogers, Feb. 14, 1899, claims 1 and 2 not infringed by 1,107,758, claim 4 invalid, (D. C. S. D. N. Y.), 229 F. 168; claims 1 and 2 not infringed by 1,107,758, claim 4 invalid, (C. C. A. 2nd Cir.), 229 F. 407.
- 619,567 Face plate for burial caskets, W. Hamilton, Feb. 14, 1899, valid, infringed, (C. C. S. D. N. Y.), 153 F. 765; void, (C. C. A. 2nd Cir.), 157 F. 392; see Reissue 12,750.
- 619,693 Fruit-seeding machine, G. Pettit, Feb. 14, 1899, valid and infringed, (C. C. A. 9th Cir.), 182 F. 59; decree circuit court affirmed, (C.C.A. 7th Cir.), 182 F. 1022.
- 620,070 See Reissue 11,778.
- 620,125 Book typewriter, W. P. Hatch & F. W. Hillard, Feb. 28, 1899, claims 11, 12 and 13, valid and infringed, (C. C., S. D. N. Y.), 171 F. 96.
- 620,343 Rotary transformer regulation, R. D. Mershon, Feb. 28, 1899, bill dismissed by stipulation Nov.10, 1908, (No. 1984, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.
- 620,467 Hay-carrier, W. Loudon, Feb. 28, 1899, void, (C. C. W. D. Wis.), 186 F. 522.
- 620,541 Method and mechanism for rolling black plate, W. H. Donner, Feb. 28, 1899, valid, claim 5 void, claim 4 infringed, (C. C. W. D. Pa.), 160 F. 971; void, (C. C. A. 3rd Cir.), 165 F. 199.
- 620,886 Swaging device for chain links, D. Carroll, Mar. 14, 1899, anticiated by Swiss patent to Goerke 9592, (C. C. A. 6th Cir.), 148 F. 622.
- 620,895 Atomizer, H. M. Dunlap, Mar. 14, 1899, claims 2 and 3 void, claim 8 not infringed, (C. C. A. 8th Cir.), 151 F. 223.
- 620,931 Steam and hot water boiler, W. Kane, Mar. 14, 1899, not infringed, (D. C. E. D. Pa.), 216 F. 932.
- 621,215 Machine for mfg. dishes and trays, N. E. Brown, Mar. 14, 1899, not infringed, (No. 1420 and 1426, C. C. D. Mich.), Am. Mercantile Co. v. Thomsonville Woodenware Co., Arthur Stem for complt., G. S. Noble for dft., not reported.

TABLE I—CHRONOLOGICAL LIST.

- 621,423 Boot tree, L. H. Leadam, Mar. 21, 1899, claim 1 not infringed, (C. C. S. D. N. Y.), 166 F. 322; claim 1 not infringed, (C. C. A. 2nd Cir.), 170 F. 76.
- 621,424 Boot tree, L. H. Leadam, Mar. 21, 1899, claims 1 and 2 not infringed, (C. C. S. D. N. Y.), 166 F. 322; claims 1 and 2 not infringed, (C. C. A. 2nd Cir.), 170 F. 76.
- 621,660 Typewriting machine support, T. J. Halle, Mar. 21, 1899, void, (C. C., S. D. N. Y.), 171 F. 96.
- 621,974 Package for biscuits, F. M. Peters, Mar. 28, 1899, void, (D. C. N. D. Ill., E. D.), 200 F. 774; (C. C. A. 7th Cir.), 215 F. 724.
- 622,190 Saw guide, C. O. Seavey, Mar. 28, 1899, not infringed by 867,927, (C. C. N. D. N. Y.), 160 F. 494; valid, infringed, (C. C. A. 2nd Cir.), 166 F. 760.
- 622,403 Cell-case machine, G. W. Swift, Jr., April 4, 1899, claim 1 void, claim 19 not infringed, (C. C. A. 7th Cir.), 149 F. 216.
- 622,532 Gold dredging apparatus, R. H. Postlethwaite, Apr. 4, 1898, claim 3 not infringed, (C. C. A. 9th Cir.), 174 F. 224.
- 622,834 Golf ball, Work & Haskell, Apr. 11, 1899, valid and infringed, (D. C. D. Mass.), 210 F. 624; (C. C. A. 1st Cir.), 217 F. 407.
- 623,423 Staking machine, Pierce & Poinsett, Apr. 18, 1899, infringed by 819,605, (C. C. E. D. Pa.), 158 F. 987.
- 623,620 Sash-lock, J. R. Payson, Apr. 25, 1899, valid and infringed, (C. C. A. 7th Cir.), 206 F. 60.
- 623,686 Machine for molding building blocks, H.S. Palmer, Apr. 25, 1899, claims 6 and 7 infringed, claims 8 and 14 not infringed, (C. C. E. D. N. Y.), 148 F. 702.
- 623,809 Expansion bolt, K. & V. McCreery, Apr. 25, 1899, motion of defendant to intervene allowed and motion of plaintiff to strike out denied, (D. C. W. D. Wis.), 216 F. 186; valid but not infringed, (D. C. W. D. Wis.), 225 F. 383; valid but not infringed, (C. C. A. 7th Cir.), 234 F. 868.
- 623,857 Card records, S. T. Williams, April 25, 1899, void, (C. C. A. 1st Cir.), 148 F. 380.
- 623,933 Bowling alley, W. H. Wiggins, April 25, 1899, void, (C. C. E. D. Pa.), 159 F. 729; (C. C. A. 3rd Cir.), 165 F. 56.

TABLE I—CHRONOLOGICAL LIST.

- 624,135** Typewriter, F. X. Wagner, May 2, 1899, claims 16 and 18 not infringed, (C. C. A. 2nd Cir.), 224 F. 477.
- 624,261** Butter-cutting machine, R. R. Stone, May 2, 1899, suit on contract, (C. C. S. D. N. Y.), 181 F. 128; suit on contract, (C. C. A. 2d Cir.), 185 F. 515.
- 624,301** Double horn for graphophones, C. G. Conn, May 2, 1899, claims 7 and 8, not infringed by the device of pat. No. 773,740, (C. C. A. 6th Cir.), 182 F. 822.
- 624,401** Annealing furnace, W. & J. C. Swindell, May 2, 1899, claims 1 and 2 valid and infringed, (D. C. W. D. Pa.), 198 F. 490; (C. C. A. 3rd Cir.), 204 F. 442.
- 624,460** Angle clamp, J. L. Crane, May 9, 1899, valid and infringed, (C. C., S. D. N. Y.), 169 F. 830.
- 624,563** Process of making artificial stone, Charles W. Stevens, May 9, 1899, valid and infringed, (C. C., E. D. N. Y.), 170 F. 192; qualified preliminary injunction granted, (C. C. S. D. N. Y.), 173 F. 88; motion to punish for contempt sustained, (C. C. E. D. N. Y.), 176 F. 368; claim 1 void, (C. C. D. Mass.), 188 F. 808; valid and infringed, (C. C. A. 1st Cir.), 202 F. 747; decree awarding damages and costs affirmed, (C. C. A. 1st Cir.), 214 F. 572.
- 624,591** Sofa-bed, T. G. Weyer, May 9, 1899, valid but not infringed by 863,365, rehearing denied, (C. C. N. D. Ill.), 188 F. 662.
- 624,597** Card records, S. T. Williams, May 9, 1899, claims 3 and 4 void, claims 1 and 2 valid, infringed, (C. C. A. 1st Cir.), 148 F. 380.
- 625,150** Knuckle, William Crutchlow, May 16, 1899, all four claims valid and infringed, (C. C. D. N. J.), 189 F. 616; valid and infringed, (C. C. A. 3rd Cir.), 193 F. 413.
- 625,155** Pipe coupling, S. R. Dresser, May 16, 1899, valid, infringed, (C. C. A. 1st Cir.), 153 F. 903.
- 625,164** Bedstead fastening, Hall & Tilley, May 16, 1899, not infringed by 650,311, (D. C. E. D. N. Y.), 195 F. 946; (C. C. A. 2nd Cir.), 202 F. 213.

TABLE I—CHRONOLOGICAL LIST.

- 625,309 Refrigerator, J. H. Ames, May 23, 1899, infringes claims 1, 3 and 7 of 539,009, (C. C. D. N. J.), 171 F. 416; infringes claims 1, 3 and 7 of 539,009, (C. C. A. 3d Cir.), 178 F. 278; certiorari refused, (U. S. Sup. Ct.), 216 U. S. 618; decree of District Court for complainant reversed, (C. C. A. 3rd Cir.), 219 F. 565.
- 625,517 Mucilage-holder, W. H. Redington, May 23, 1899, void, (C. C. W. D. Ky.), 189 F. 635; claim 3 not infringed, (C. C. A. 6th Cir.), 200 F. 57.
- 625,722 Fountain pen, W. I. Ferris, May 23, 1899, decree of District Court on license agreement affirmed, (C. C. A. 4th Cir.), 234 F. 891.
- 625,744 Adjusting device for automatic musical instruments, M. Clark, May 30, 1899, claims 1, 5, 6 and 7 void, claims 2, 3 and 4 valid and infringed, (D. C. S. D. N. Y.), 202 F. 960.
- 625,806 Dynamo, E. W. Rice, May 30, 1899, bill of complaint dismissed by stipulation, (No. 91, D. N. J.), General Electric Co. v. Bullock Electric Co.; (No. 10,328, D. Ind.), General Electric Co. v. Richmond St. & Inter-urban Ry. Co., not reported.
- 626,476 Tooth regulating device, E. H. Angle, June 6, 1899, valid and infringed, (C. C., S. D. N. Y.), 171 F. 93.
- 626,537 Enameling compound for surfacing paper and method of producing the same, William A. Hall, June 6, 1899, void because of prior public use, (C. C., E. D. Pa.), 172 F. 237; void for prior public use, (C. C. A. 3rd Cir.), 174 F. 341.
- 626,631 Paper feeding mechanism, Philpott and Briggs, June 6, 1899, bill dismissed, (D. C. D. Mass.), 220 F. 322.
- 626,670 Electrical burglar alarm, C. Coleman, June 13, 1899, not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350; claim 1 not infringed, (C. C. A. 8th Cir.), 209 F. 845.
- 626,746 Grain separator, C. E. Bird, June 13, 1899, not infringed, (C. C. A. 8th Cir.), 168 F. 259.
- 626,832 Electric meter, E. S. Halsey, June 13, 1899, void, (C. C. A. 7th Cir.), 174 F. 141.

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- 626,900** Heddle making machine, W. H. Gibbs, June 13, 1899, claims 4 to 8, 13 and 14 void, claim 15 valid, infringed, (C. C. D. Mass.), 153 F. 291; (C. C. A. 1st Cir.), 157 F. 676.
- 626,927** Incandescent lamp socket, C. G. Perkins, June 13, 1899, valid and infringed by one structure but not by others, (C. C. A. 6th Cir.), 179 F. 511; claims 4 and 6 valid and infringed, (C. C. D. Mass.), 187 F. 635; claims 4 and 6 not infringed, (C. C. E. D. Pa.), 187 F. 942; accounting refused, costs divided, (C. C. N. D. Ohio, W. D.), 189 F. 625; claims 4 and 6 valid and infringed, (C. C. A. 3d Cir.), 191 F. 366.
- 627,054** Electrical burglar alarm system, C. Coleman, June 13, 1899, claim 17 not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.
- 627,430** Process and apparatus for production of etched plates, L. E. Levy, June 20, 1899, claims 2, 5, 7 and 20 valid but not infringed, (D. C. E. D. Pa.), 221 F. 648; claims 2, 5, 7 and 20 not infringed, (C. C. A. 3rd Cir.), 231 F. 146.
- 627,732** Silo, George D. Harder, June 27, 1899, claim 4 valid and infringed, (C. C. N. D. N. Y.), 188 F. 792; on motion for preliminary injunction, claim 4 held valid and infringed, (D. C. N. D. N. Y.), 200 F. 966; claim 4 valid and infringed, (D. C. E. D. Wis.), 219 F. 242.
- 627,898** Car truck, George M. Brill, June 27, 1899, if conceded validity not infringed, (Ct. of App. D. C.), 30 App. D. C. 255; claims 13 and 81 not infringed, (U. S. Sup. Ct.), 215 U. S. 527.
- 627,900** Car truck, G. M. Brill, June 27, 1899, claims 13, 14, 15 and 17 not infringed, (U. S. Sup. Ct.), 215 U. S. 527.
- 628,027** Glass making art, M. J. Owens, July 4, 1899, infringed, (C. C. W. D. Pa.), 161 F. 355; decree for complainant, (D. C. W. D. Pa.), 216 F. 172; decree for complainant affirmed, (C. C. A. 3rd Cir.), 220 F. 672.

TABLE I—CHRONOLOGICAL LIST.

- 628,176 Computing machine, D. E. Felt, July 4, 1899, claims 1, 2 and 4 void, (C. C. N. D. Ill., E. D.), 161 F. 365; plea setting up a license sustained, (C. C. N. D. Ill., E. D.), 175 F. 787; demurrer sustained, (C. C. N. D. Ill., E. D.), 175 F. 792; bill dismissed, (C. C. A. 7th Cir.), 183 F. 321; void, 41 App. D. C. 427.
- 628,464 Electric signaling apparatus and circuit, Felix Benedict Herzog, July 11, 1899, claims 11, 12, 13, 19 and 20, valid, not infringed, (C. C., S. D. N. Y.), 172 F. 425; claims 11, 12, 13, 19 and 20 not infringed, (C. C. A. 2nd Cir.), 176 F. 349.
- 628,813 Gramophone, H. Jones, July 11, 1899, decree of District Court refusing accounting affirmed, (C. C. A. 2nd Cir.), 234 F. 633.
- 628,886 Lock rod for cards, D. E. Hunter, July 11, 1899, not infringed by 760,404, (C. C. A. 1st Cir.), 147 F. 246.
- 629,590 Ore and coal separator, F. Pardee, July 25, 1899, valid and infringed, (C. C. M. D. Pa.), 175 F. 108.
- 629,591 Ore and coal separator, F. Pardee, July 25, 1899, valid and infringed, (C. C. M. D. Pa.), 175 F. 108.
- 629,592 Ore and coal separator, F. Pardee, July 25, 1899, valid and infringed, (C. C. M. D. Pa.), 175 F. 108.
- 629,673 Breech mechanism for rapid fire guns, F. F. Fletcher, July 25, 1899, suit on contract, 50 Ct. of Cls. 204.
- 629,696 Lath carrying device for paper-drying machine, S. R. Liberty, July 25, 1899, claim 2 not infringed, (C. C. D. Mass.), 164 F. 877; claim 2 not infringed, (C. C. A. 1st Cir.), 175 F. 780.
- 630,037 Buckle for overalls, B. G. Corser, Aug. 1, 1899, void, if valid, not infringed, (C. C. S. D. N. Y.), 157 F. 759.
- 630,112 Linotype mechanism, J. R. Rogers, Aug. 1, 1899, void, (D. C. S. D. N. Y.), 229 F. 168.
- 630,344 Tobacco stemming machine, G. M. Guerrant, Aug. 8, 1899, claims 14 and 15 not infringed, (D. C. D. Del.), 237 F. 822.
- 630,418 Method of and means for inducing magnetism in magnetic circuits, Charles Steinmetz, Aug. 8, 1899, bill alleging contributory infringement dismissed, (C. C. W. D. Pa.), 186 F. 637.

TABLE I—CHRONOLOGICAL LIST.

- 630,553** Tufting button, F. A. Neider, Aug. 8, 1899, anticipated by 377,029, (C. C. E. D. Ky.), 167 F. 132; anticipated by 377,029, (C. C. A. 6th Cir.), 167 F. 128.
- 630,930** Armature for dynamos, H. G. Reist, Aug. 15, 1899, complainant's prima facie proofs closed Feb. 28, 1907, awaiting defendant's testimony, (D. N. J.), General Electric Co. v. Allis-Chalmers Co. and Bullock Co., not reported.
- 631,033** Toilet mirror, Wright & Curry, Aug. 15, 1899, decree assessing damages affirmed, (C. C. A. 3rd Cir.), 199 F. 427.
- 631,518** Frames for electric motors, etc., J. Burke, Aug. 22, 1899, claims 1 and 3 anticipated, (C. C. A. 2nd Cir.), 150 F. 131.
- 631,525** See Reissue 11,907.
- 632,020** Furnace for heating ingots, C. H. Morgan, Aug. 29, 1899, valid but not infringed, (D. C. W. D. Pa.), 203 F. 496; claims 3, 4, 5, 6 and 7 valid and infringed, (C. C. A. 3rd Cir.), 213 F. 451; award modified in one case and affirmed in another, (C. C. A. 3rd Cir.), 234 F. 324.
- 632,124** Manure spreader, Joseph S. Kemp, Aug. 29, 1899, claims 1 to 8 not infringed by the Brown patents 731,539 and 821,779, (C. C. D. Mass.), 172 F. 436; not infringed, (C. C. A. 1st Cir.), 183 F. 330.
- 632,513** Electrical burglar alarm system, C. Coleman, Sept. 5, 1899, not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.
- 632,527** Stamp canceling machine, G. W. Hey, Sep. 5, 1899, not infringed, (C. C. A. 1st Cir.), 156 F. 362.
- 632,540** Puncture-closer for pneumatic tires, R. W. Sampson, Sept. 5, 1899, claims 1 and 2, valid and infringed, (C. C., D. Conn.), 172 F. 149; valid and infringed by 818,402, (C. C. A. 2nd Cir.), 178 F. 91.
- 632,680** Book typewriter support, R. J. Fisher, Sept. 5, 1899, claims 1 and 3, not infringed, (C. C. S. D. N. Y.), 171 F. 96.

TABLE I—CHRONOLOGICAL LIST.

- 632,681 Means for supporting the platen of book typewriters, R. J. Fisher & C. F. Laganke, Sept. 5, 1899, claims 8, 9 and 13, not infringed, (C. C. S. D. N. Y.), 171 F. 96.
- 632,769 Account book, Wever & Parmenter, Sep. 12, 1899, void, (C. C. D. Conn.), 165 F. 348.
- 632,925 Music cabinet, J. T. Phillips, Sept. 12, 1899, void, (D. C. S. D. N. Y.), 234 F. 344.
- 633,184 Waterwheel bucket, W. A. Doble, Sep. 19, 1899, held to not infringe 454,638, (C. C. A. 9th Cir.), 151 F. 29.
- 633,348 Coal conveying apparatus, Simmons, Forgham and Bennett, Sept. 19, 1899, void, (C. C. A. 7th Cir.), 220 F. 887.
- 633,672 Typewriter, H. L. Wagner et al., Sept. 26, 1899, claims 25, 27 and 28 not infringed by 852,400, (C. C. S. D. N. Y.), 177 F. 230; claims 25, 27 and 28 not infringed by 852,400, (C. C. A. 2nd Cir.), 184 F. 329; claim 17 not infringed, (C. C. A. 6th Cir.), 227 F. 446.
- 633,723 Railway switch, C. F. Kress, Jr., Sep. 26, 1899, claims 1, 2, 3, 5 and 6 not infringed, (C. C. N. D. Ill., E. D.), 158 F. 636; void, (C. C. A. 7th Cir.), 171 F. 648.
- 633,771 Electric switch, Wright & Aalborg, Sept. 26, 1899, void, (C. C. A. 2nd Cir.), 194 F. 427.
- 633,772 Automatic circuit breaker, Wright & Aalborg, Sept. 26, 1899, infringement doubtful, preliminary injunction denied, (C. C. E. D. Pa.), 149 F. 437; claims 2 and 5 valid, infringed, (C. C. S. D. N. Y.); 159 F. 144; (C. C. A. 2nd Cir.), 157 F. 546; claims 2 and 5, valid and infringed, (C. C. A. 3rd Cir.), 169 F. 634; valid and infringed, (C. C. A. 2nd Cir.), 212 F. 946.
- 633,941 Dredger for pulverulent material, J. W. Arrott, Jr., Sep. 26, 1899, valid, infringed, (C. C. D. N. J.), 152 F. 635; (C. C. A. 3rd Cir.), 159 F. 135; void, (D. C. W. D. Pa.), 213 F. 638; void, (C. C. A. 3rd Cir.), 222 F. 671; void, (D. C. S. D. Ohio, W. D.), 222 F. 679.
- 634,042 Pneumatic carpet renovator, J. S. Thurman, Oct. 3, 1899, claim 1 infringed, (C. C. E. D. Wis.), 177 F. 272; claim 1 not infringed, (C. C. A. 7th Cir.), 195 F. 744.
- 634,220 Electric signaling apparatus, Smalley & Reinert, Oct. 3, 1899, claims 2, 17 and 18 valid, infringed, (C. C. S. D. N. Y.), 151 F. 497.

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- 634,423** Process of and apparatus for treating sewage, Cameron, Commin & Martin, Oct. 3, 1899, void, if valid not infringed, (C. C. N. D. N. Y.), 151 F. 242; apparatus claims void, process claims valid, infringed, (C. C. A. 2nd Cir.), 159 F. 453; decree (C. C. S. D. Ia.), affirmed, (U. S. Sup. Ct.), 227 U. S. 39.
- 634,424** Apparatus for use in purifying foul water or sewage, D. Cameron et al., Oct. 3, 1899, replication filed Apr. 1905, (7th Cir. D. Wis.), Cameron Septic Tank Co. v. Allis-Chalmers Co., not reported.
- 634,549** Thill conpling, C. C. Bradley, Oct. 10, 1899, motion for preliminary injunction denied, (C. C. S. D. N. Y.), 166 F. 327.
- 634,838** Acetylene gas burner, H. E. Shaffer, Oct. 10, 1899, void, (C. C. A. 2nd Cir.), 147 F. 253.
- 634,923** Corn husker, Theo. P. Walter, Oct. 17, 1899, claims 1, 2 and 3 void, (C. C. A. 8th Cir.), 182 F. 811.
- 635,141** Process for devulcanizing rubber waste, A. H. Marks, Oct. 17, 1899, valid and infringed, (D. C. W. D. N. Y.), 225 F. 789; void, (D. C. N. D. Ohio, E. D.), 227 F. 623; valid and infringed, (C. C. A. 2nd Cir.), 229 F. 150.
- 635,280** Combined air pump and electric motor, N. A. Christensen, Oct. 17, 1899, valid and infringed, (C. C. A. 7th Cir.), 229 F. 564.
- 635,343** See Reissue 11,911.
- 635,429** Asphaltic fluxes, Culmer & Culmer, Oct. 24, 1899, valid and infringed, (D. C. N. D. Ill.), 203 F. 508.
- 635,430** Asphaltic fluxes, Culmer & Culmer, Oct. 24, 1899, valid and infringed, (D. C. N. D. Ill.), 203 F. 508.
- 635,619** Soil pipe drainage and venting fitting, F. Walker, Oct. 24, 1899, valid, not infringed, (C. C. A. 9th Cir.), 164 F. 693.
- 636,482** Drier-felt for paper machines, W. L. Barrell, Nov. 7, 1899, valid and infringed, (D. C. D. Mass.), 207 F. 371; (C. C. A. 1st Cir.), 214 F. 777.
- 637,234** See Reissue 11,923.

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- 637,444 Bifocal lens, John L. Borsch, Nov. 21, 1899, order enjoining complainant from bringing other suits reversed, (C. C. A. 8th Cir.), 190 F. 767; valid and infringed, (D. C. W. D. Mo., W. D.), 207 F. 85; (C. C. A. 8th Cir.), 214 F. 368; valid and infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 214 F. 983.
- 637,458 Embroidering machine, J. A. Groebli, Nov. 21, 1899, valid but not infringed, (D. C. E. D. N. Y.), 222 F. 71.
- 637,976 Sofa and bed, W. T. Rolph, Nov. 28, 1899, valid but not infringed by 863,365, rehearing denied, (C. C. N. D. Ill.), 188 F. 662.
- 638,004 Machine for making incandescent mantles, B. Von Bultzingslowen, Nov. 28, 1899, valid and claims 1, 5, 8 and 10 infringed, (C. C. S. D. N. Y.), 181 F. 122.
- 638,354 Bottle sealing machines, W. Painter, Dec. 5, 1899, claims 4, 5 and 6 not infringed, (D. C. N. D. Ohio, W. D.), 210 F. 26; not infringed, (C. C. A. 6th Cir.), 217 F. 381.
- 638,540 Combined abdominal pad and hose supporter, E. F. Young, Dec. 5, 1899, valid and infringed, motion for preliminary injunction granted, (C. C., S. D. N. Y.), 148 F. 92; claim 1 valid, infringed, (C. C. D. Mass.), 153 F. 585; (C. C. A. 1st Cir.), 159 F. 710; decree dismissing bill affirmed, (C. C. A. 2d Cir.), 184 F. 71; suit on contract, (C. C. D. Conn.), 189 F. 407.
- 638,669 See Reissue 12,085.
- 639,222 Spring bed, J. F. Gail, Dec. 19, 1899, void, (D. C. N. D. Ill. E. D.), 206 F. 68.
- 639,223 Spring bed, J. F. Gail, Dec. 19, 1899, void, (C. C. A. 7th Cir.), 224 F. 959.
- 639,608 Steam turbine, C. A. Parsons, Dec. 19, 1899, replication filed June 19, 1906, no testimony taken, notified by complainant that case would be discontinued, (No. 76, D. N. J.), Westinghouse Machine Co. v. Allis-Chalmers Co., not reported.
- 639,669 Blind stitch sewing-machine, C. A. Dearborn, Dec. 19, 1899, infringement doubtful, preliminary injunction denied, (C. C. S. D. N. Y.), 167 F. 568; on motion for preliminary injunction, not infringed, (C. C. A. 2nd

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- Cir.), 170 F. 963; claims 1 and 2 infringed, (C. C. S. D. N. Y.), 180 F. 766; claims 1 and 2 infringed by 814,642, (C. C. A. 2d Cir.), 185 F. 503.
- 639,891** Sand-box for cars, John C. Duner, Dec. 26, 1899, conceding validity, not infringed, (C. C. A. 6th Cir.), 171 F. 863.
- 640,013** Method of assimilating printed and typewritten work, Samuel A. Neidich, Dec. 26, 1899, held not void on demurrer, (C. C., E. D. Pa.), 169 F. 424.

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- 640,197** Pipe coupling, A. M. Hewlett, Jan. 2, 1900, valid, infringed, (C. C. E. D. Pa.), 156 F. 49; (C. C. A. 3rd Cir.), 159 F. 431.
- 640,371** Electric fuse, L. W. Downes, Jan. 2, 1900, claim 1 void, (C. C. A. 1st Cir.), 178 F. 707.
- 640,456** Switch rod, H. G. Elfborg, Jan. 2, 1900, not infringed by 679,153, (C. C. N. D. Ill., E. D.), 156 F. 591; claims 1, 3 and 6 not infringed by 679,153, (C. C. A. 7th Cir.), 164 F. 843.
- 640,816** Attachment for potato harvesters, G. M. Ross, Jan. 9, 1900, void, (C. C. A. 8th Cir.), 157 F. 681.
- 641,092** Boiler tube cleaner, W. S. Elliott, Jan. 9, 1900, valid, claims 1, 2, 5, 6 infringed, (C. C. W. D. Pa.), 155 F. 900; preliminary injunction denied, (C. C. N. D. Ill., E. D.), 188 F. 217.
- 641,373** Telephone switch board, F. B. Cook, Jan. 16, 1900, decree (118 F. 45) dismissing bill on pleaded license affirmed, (C. C. A. 7th Cir.), 150 F. 766.
- 641,546** Battery filler, Richmond & Zeller, Jan. 16, 1900, claims 1, 2, 4, 6 and 7 valid, infringed, (C. C. N. D. Ohio, E. D.), 159 F. 157; valid, infringed, (C. C. A. 6th Cir.), 160 F. 1022, (decision as here reported is in error, corrected in 164 F. 1023).
- 642,075** Receptacle for clothing, S. W. Bonsall, Jan. 30, 1900, claims 3 and 4 void, claim 5 valid, infringed, (C. C. S. D. N. Y.), 161 F. 564; decree of court below holding claims 3 and 4 void, claim 5 valid and infringed affirmed, (C. C. A. 2nd Cir.), 175 F. 1019.

TABLE I—CHRONOLOGICAL LIST.

- 642,472 Cithern or "Zither," C. T. Menze, Jan. 30, 1900, claim 2 not infringed, (C. C. D. N. J.), 154 F. 845.
- 642,813 Machine for cleaning rubber, R. Cowen, Feb. 6, 1900, not infringed, (D. C. D. Mass.), 214 F. 806.
- 642,814 Process of cleaning rubber, R. Cowen, Feb. 6, 1900, void, (D. C. D. Mass.), 214 F. 806.
- 642,869 Controlling means for spark generators, H. N. Motsinger, Feb. 6, 1900, not infringed, (C. C. A. 7th Cir.), 149 F. 995.
- 642,926 Process of improving quality of steel armor-plates, A. Schmitz, Feb. 6, 1900, claim 1 void, (C. C. A. 3d Cir.), 191 F. 588.
- 643,289 Linotype mechanism, D. A. Hensley, Feb. 13, 1900, claims 1, 2 and 3 valid and infringed, (D. C. S. D. N. Y.), 229 F. 168.
- 643,560 Locomotive, J. B. Tate, Feb. 13, 1900, claim 2 void, (C. C. A. 4th Cir.), 229 F. 141.
- 643,973 Feeding mechanism for bottle sealing machines, Painter & Hawkins, Feb. 20, 1900, claim 2 construed and held not infringed, (D. C. N. D. Ohio, W. D.), 210 F. 26; claim 2 infringed, (C. C. A. 6th Cir.), 217 F. 381.
- 644,077 "Asperin" (acetyl salicylic acid), Felix Hoffman, Feb. 27, 1900, valid and infringed, (C. C., N. D. Ill., E. D.), 171 F. 887; valid and infringed, (C. C. A. 7th Cir.), 179 F. 701; order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 203 F. 476.
- 644,137 Method of purifying water, O. H. Jewell, Feb. 27, 1900, valid and infringed, (D. C. M. D. Pa.), 208 F. 10; not infringed, (C. C. A. 3rd Cir.), 217 F. 366.
- 644,367 Wood pulp digester composition, R. Panzl, Feb. 27, 1900, does not infringe Reissue 11,282, (D. C. N. D. N. Y.), 217 F. 57.
- 644,464 Artificial limb suspender, J. F. Rowley, Feb. 27, 1900, valid and infringed, (C. C. A. 6th Cir.), 220 F. 127.
- 644,532 Cotton elevator and gin feeder, S. D. Murray, Feb. 27, 1900, void, (C. C. A. 3rd Cir.), 149 F. 989.
- 644,546 Pin setting device, C. W. Crawford, Feb. 27, 1900, valid, infringed by 771,963, (C. C. N. D. Ill., E. D.), 153 F. 288.

TABLE I—CHRONOLOGICAL LIST.

- 644,664** Underfeed stoker, F. A. Daley, Mar. 6, 1900, claims 1 to 6 infringed, (C. C. D. R. I.), 165 F. 65; does not infringe 648,251, (C. C. A. 3rd Cir.), 188 F. 314; valid and infringed, (D. C. D. Mass.), 207 F. 963; valid and infringed, (D. C. D. Mass.), 214 F. 799; valid and infringed on motion for preliminary injunction, (D. C. W. D. Pa.), 214 F. 587; infringed on motion for preliminary injunction, (D. C. D. Mass.), 215 F. 392.
- 645,026** Lubricator, H. Woods, Mar. 6, 1900, claims 1 and 2 void, (C. C. A. 2nd Cir.), 157 F. 685.
- 645,031** Apparatus for burning pulverized coal in rotary cement furnace, Hurry & Seaman, Mar. 6, 1900, not infringed, (C. C. A. 7th Cir.), 196 F. 385.
- 645,088** Electric motor control, W. R. Hamlen, Mar. 13, 1900, no testimony taken since filing of replication, (No. 1909, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.
- 645,089** Electric motor control, W. R. Hamlin, Mar. 13, 1900, no testimony taken since filing of replication, (No. 1909, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.
- 645,444** Corset stay, J. P. F. White et al., Mar. 13, 1900, infringed, (C. C. W. D. Pa.), 180 F. 470; not infringed, (C. C. A. 3d Cir.), 183 F. 984.
- 645,624** Ball and socket fastener, Herman Kerngood, Mar. 20, 1900, does not infringe 580,001, (C. C. A. 2nd Cir.), 151 F. 1022.
- 645,676** Circular knitting machine, F. Wilcomb, Mar. 20, 1900, claims 4 and 8 void, (C. C. E. D. Pa.), 181 F. 157.
- 645,698** Mercerizing machine, L. Weldon, Mar. 20, 1900, valid and infringed on motion for preliminary injunction, (D. C. N. D. N. Y.), 224 F. 515; claims 1 and 2 not infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 228 F. 512.
- 645,816** Dumping car, G. H. Lawrence, Mar. 20, 1900, valid and infringed, (C. C. A. 2nd Cir.), 229 F. 159.
- 645,871** Folding machine for cuff blanks, etc., J. K. P. Pine, Mar. 20, 1900, claims 1 to 4 valid, infringed, (C. C. A. 2nd Cir.), 149 F. 736; claims 4 and 8, as construed narrowly, held valid but not infringed, (C. C. A. 3d Cir.), 188 F. 323.

TABLE I—CHRONOLOGICAL LIST.

- 646,123 Grass fabric, M. Koeck, Mar. 27, 1900, void, (C. C. A. 7th Cir.), 159 F. 140.
- 646,252 Centrifugal shredding and pulverizing machine, F. Andree, Mar. 27, 1900, valid but not infringed, (No. 26,-999, C. C. N. D. Ill.), G. S. Noble for complt., Andree v. Garden City Fan Co., not reported.
- 646,757 Fare recorder, J. F. Ohmer, Apr. 3, 1900, valid and infringed as to claims 4, 6, and 13, claims 7 and 14 not infringed, (C. C. A. 6th Cir.), 238 F. 182.
- 647,907 Hopper-bottom car, C. T. Schoen, Apr. 17, 1900, claim 1 valid, infringed, (C. C. D. N. J.), 161 F. 546; void, (C. C. A. 3rd Cir.), 175 F. 568.
- 647,934 Manifoldng sales-book and holder, W. F. Beck, Apr. 24, 1900, claims 2 and 3 void, (C. C. A. 2nd Cir.), 150 F. 333.
- 648,251 Underfeed furnace, James Garden, April 24, 1900, held valid but not infringed, (C. C. W. D. Pa.), 182 F.642; valid, not infringed by 644,664, (C. C. A. 3d Cir.), 188 F. 314.
- 648,529 Dynamo, E. W. Robinson, May 1, 1900, case at issue Jan. 3, 1910, no testimony taken, (No. 10,974, D. Ind.), General Electric Co. v. Winona Co., not reported.
- 648,897 Box car loader, J. M. Christy, May 1, 1900, claims 1 and 2 valid and infringed, (C. C. A. 8th Cir.), 215 F. 362.
- 649,179 Electrical transformer, A. F. Rietzel, May 8, 1900, claims 1, 2 and 3 construed and not infringed, (D. C. D. Conn.), 205 F. 764.
- 649,410 System for controlling operation of filters, I. H. Jewell, May 8, 1900, bill dismissed on demurrer as multifarious, (C. C. E. D. Pa.), 186 F. 639; claim 1 void, (C. C. A. 8th Cir.), 238 F. 197.
- 649,411 Filter, I. H. Jewell, May 8, 1900, claim 14 void, (C. C. A. 8th Cir.), 238 F. 197.
- 649,437 Dough working and shaping machine, W. S. & C. I. Corby, May 15, 1900, claim 6 not infringed, (C. C. A. 3rd Cir.), 230 F. 142.
- 649,912 Sadiron, L. D. Clark, May 22, 1900, (C. C. A. 7th Cir.), 166 F. 117.
- 649,915 See Reissue 12,137.

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- 650,311 Bedstead, D. Frank, May 22, 1900, does not infringe 625,164, (D. C. E. D. N. Y.), 195 F. 946; (C. C. A. 2nd Cir.), 202 F. 213.
- 650,318 Automatic casing perforator for deep wells, E. A. Hardison, May 22, 1900, claim 1 not infringed by 726,625, (C. C. A. 9th Cir.), 156 F. 962.
- 650,771 Plow, G. C. Avery, May 29, 1900, claims 2 to 6 void, claims 7 and 8 valid and infringed, (C. C. A. 7th Cir.), 148 F. 214.
- 650,792 Underframe for railway cars, J. M. Hansen, May 29, 1900, claim 1 void, (C. C. A. 8th Cir.), 223 F. 542.
- 650,973 Electrical system for watertight doors, G. H. Hill, June 5, 1900, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.
- 651,004 Water tight bulkhead door, F. T. Bowles, June 5, 1900, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.
- 651,031 Brake shoe, J. D. Gallagher, June 5, 1900, claim 5 valid and infringed, (C. C. A. 3rd Cir.), 230 F. 621.
- 651,310 Bed or douche pan, Daniel Hogan, June 5, 1900, valid and infringed, (C. C., S. D. N. Y.), 170 F. 88.
- 651,435 Railway brake shoe, G. W. Chipley, June 12, 1900, claims 4, 5 and 6 valid and infringed, (D. C. D. Mass.), 222 F. 327; claims 4, 5 and 6 valid and infringed, (C. C. A. 1st Cir.), 227 F. 90.
- 651,664 System of electrical distribution, A. S. Hubbard, June 12, 1900, held to not infringe claims 2 and 6 of 430,868, (C. C. S. D. N. Y.), 148 F. 695.
- 651,782 Signal lamp, W. S. Hamm, June 12, 1900, claims 1, 2, 5 and 6 valid but not infringed, (D. C. D. Mass.), 206 F. 303; void, (C. C. A. 1st Cir.), 218 F. 173.
- 651,938 Sprayer, D. W. B. Smith, June 19, 1900, invalid, (C. C. A. 6th Cir.), 148 F. 12.
- 651,965 Process of hardening and toughening armor-plates, E. Ehrensberger, June 19, 1900, claims 1 and 3 not infringed, (C. C. A. 3d Cir.), 191 F. 588.
- 652,119 Process of making sulfuric anhydride, R. Knietzsch, June 19, 1900, priority awarded as prior inventor over Blackmore, reissue 11,995, (C. C. S. D. N. Y.), 156 F. 968.

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- 652,806 Flexible electrical conduit, H. G. Osburn, July 3, 1900, not infringed, (D. C. D. R. I.), 225 F. 50; claims 1, 2, 3, 4, 5, 6, 9, 10, 11 and 12 valid and infringed, (C. C. A. 1st Cir.), 227 F. 884; order of District Court enjoining the issuance of a circular reversed, (C. C. A. 1st Cir.), 236 F. 745.
- 652,828 Door check and closer, H. L. Bailey, July 3, 1900, not infringed, (C. C. N. D. Ill., E. D.), 161 F. 362; not infringed, (C. C. A. 7th Cir.), 176 F. 96.
- 652,977 Telephone party line ringing keys, J. J. O'Connell, July 3, 1900, held valid and infringed Jan. 5, 1911, (C. C. E.D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey.
- 653,296 Advertising bill hook placard, W. Hornich, Jr., July 10, 1900, claim 1 void, (C. C. A. 6th Cir.), 212 F. 736.
- 653,400 Fireproof door, J. W. Rapp, July 10, 1900, void, claims 2 and 3 if valid not infringed, (C. C. S. D. N. Y.), 158 F. 440; void, (C. C. A. 2nd Cir.), 166 F. 430.
- 653,413 Process of improving armor-plates, E. Ehrensberger, July 10, 1900, claims 1 and 3 not infringed, (C. C. A. 3d Cir.), 191 F. 588.
- 653,503 Door for digesters, P. F. Dundon, July 10, 1900, valid and infringed, (C. C. A. 9th Cir.), 220 F. 309; valid and infringed, (D. C. N. D. Cal. 2nd Div.), 227 F. 120.
- 653,893 Oil burner, W. H. Wilder, July 17, 1900, not infringed, (C. C. E. D. N. Y.), 168 F. 712; valid but not infringed, (C. C. A. 2d Cir.), 184 F. 457.
- 654,125 Cultivator, W. L. Beall, July 24, 1900, claims 12 and 13 void, (C. C. A. 4th Cir.), 229 F. 575.
- 654,292 Molding machinery, Tabor & Mumford, July 24, 1900, claims 9, 10 and 11 not infringed, (C. C. E. D. Pa.), 190 F. 179; affirmed, (C. C. A. 3d Cir.), 191 F. 166.
- 654,956 See Reissue 11,982.
- 654,991 Machine for making grass twine, G. A. Lowry, July 31, 1900, not infringed by 785,070, (C. C. A. 7th Cir.), 159 F. 429.
- 655,143 Ruffling sewing machine, R. G. Woodward, July 31, 1900, claims 5, 9 and 11 not infringed, (D. C. S. D. N. Y.), 201 F. 690.

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- 655,253 Woven wire fabrics, Locklin & Fox, Aug. 7, 1900, valid, not infringed, (C. C. E. D. N. Y.), 148 F. 715; void, (C. C. A. 2nd Cir.), 159 F. 434.
- 655,402 Alloy for anti-friction bearings, Hendrickson & Clamer, Aug. 7, 1900, valid, infringed, (C. C. D. N. J.), 155 F. 409; void, (C. C. A. 3rd Cir.), 160 F. 84.
- 655,414 Steam turbine ring of blades, C. A. Parsons, Aug. 7, 1900, complainant's prima facie proofs closed Jan. 22, 1907, defendant's proofs completed Sept. 1909, (No. 68, D. N. J.), Westinghouse Machine Co. v. Allis-Chalmers Co., not reported.
- 655,549 Cigar wrapper, F. E. Fonseca, Aug. 7, 1900, valid and infringed, (C. C. A. 2nd Cir.), 232 F. 155.
- 655,862 Tally card, A. M. Goulding, Aug. 14, 1900, not infringed, (D. C. E. D. N. Y.), 206 F. 677.
- 656,062 Revolving door, T. Van Kannel, Aug. 14, 1900, claims 1, 2, 3 and 8 valid and infringed, (C. C. A. 2nd Cir.), 219 F. 741; claims 2 and 8 infringed, claim 7 not infringed, (C. C. A. 6th Cir.), 231 F. 166; claims 2 and 8 valid and infringed, (C. C. A. 2nd Cir.), 235 F. 135.
- 656,421 Slot wedge for dynamos, H. G. Reist, Aug. 21, 1900, replication filed Feb. 4, 1907, no testimony taken, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.
- 656,446 Tube cleaning apparatus, W. S. Elliott, Aug. 21, 1900, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.
- 656,553 Track sander, H. L. Leach, Aug. 21, 1900, claims 1, 2 and 8 void, (C. C. D. Del.), 154 F. 83; void, (C. C. A. 3rd Cir.), 162 F. 684.
- 656,874 Acetylene-gas lamp, F. E. Baldwin, Aug. 28, 1900, valid and infringed, (C. C. D. Ill., April 4, 1911), Baldwin v. Bleser, not reported; Bleser v. Baldwin, pending, (C. C. A. 7th Cir.), not reported; claim 1 infringed by 949,349, claims 2, 3, 4, 5, 6 and 10 valid but not infringed, (C. C. A. 7th Cir.), 199 F. 133.
- 657,184 Coal washer, E. A. Stewart, Sept. 4, 1900, valid and infringed, (C. C. A. 7th Cir.), 204 F. 781; not infringed, (C. C. A. 7th Cir.), 226 F. 740.

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- 658,102** Pneumatic dispatch system, C. S. Bavier et al., Sept. 18, 1900, not infringed, (C. C. D. N. J.), 174 F. 152; infringed, (C. C. A. 3rd Cir.), 180 F. 712.
- 659,144** Sash center or hinge, G. W. Golden, Oct. 2, 1900, not infringed, (C. C. A. 6th Cir.), 233 F. 107.
- 659,206** Process of forming an attachment for, and connecting the same to, a natural tooth, J. P. Carmichael, Oct. 9, 1900, void, (C. C. A. 7th Cir.), 192 F. 937.
- 659,640** See Reissue 12,084.
- 659,881** Grain drill, W. A. Van Brunt, Oct. 16, 1900, valid, not infringed by 830,644 and 830,645, (C. C. W. D. Wis.), 160 F. 504; valid, infringed, (C. C. A. 7th Cir.), 168 F. 927; master's report modified, (D. C. W. D. Wis.), 208 F. 281; accounting for profits, (C. C. A. 7th Cir.), 220 F. 626.
- 659,906** Dyeing machine, L. Weldon, Oct. 16, 1900, valid and infringed on motion for preliminary injunction, (D. C. N. D. N. Y.), 224 F. 515; claim 1 not infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 228 F. 512; valid but not infringed by 1,146,324, (D. C. N. D. N. Y.), 231 F. 746; not infringed, (C. C. A. 2nd Cir.), 238 F. 367.
- 659,907** Paper feeding mechanism, S. K. White, Oct. 16, 1900, claims 1, 2, 3, 4, 6, 9, 21, 22 and 23 valid and infringed, (D. C. D. Mass.), 220 F. 313; claims 1, 2, 3, 4, 6, 9, 21, 22 and 23 not infringed, (C. C. A. 1st Cir.), 227 F. 600.
- 659,910** Weighing machine, L. W. Baldwin, Oct. 16, 1900, void, (C. C. A. 6th Cir.), 224 F. 473.
- 659,928** Ejector for breech loading firearms, T. C. Johnson, Oct. 16, 1900, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.
- 660,341** Electrical safety fuse, J. Sachs, Oct. 23, 1900, preliminary injunction denied, (C. C. D. Conn.), 155 F. 129; not infringed, (C. C. D. Conn.), 168 F. 311; motion to strike out part of pleading granted, (C. C. D. Conn.), 176 F. 738; infringed, (C. C. A. 2nd Cir.), 175 F. 70; valid and infringed, (D. C. D. N. J.), 201 F. 356; (C. C. A. 3rd Cir.), 204 F. 288; claims 1, 2, 3, 5 and 6 valid and infringed, (D. C. W. D. N. Y.), 212 F. 173;

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- valid and infringed, (C. C. A. 2nd Cir.), 214 F. 110;
valid and infringed, (D. C. E. D. Pa.), 216 F. 639.
- 661,023** Prism glass, Ripley & Wadsworth, Oct. 30, 1900, void, (C. C. W. D. Pa.), 150 F. 355.
- 661,024** Apparatus for making glass plates, Ripley & Wadsworth, Oct. 30, 1900, valid, claim 1 infringed, (C. C. W. D. Pa.), 150 F. 355; exceptions sustained and account stated, (C. C. W. D. Pa.), 181 F. 151.
- 661,025** Process of making glass plates, Ripley & Wadsworth, Oct. 30, 1900, valid, claims 1, 3 and 4 infringed, (C. C. W. D. Pa.), 150 F. 355; exceptions sustained and account stated, (C. C. W. D. Pa.), 181 F. 151.
- 661,049** Controlling end play of rotary machines, E. M. Hewlett, Nov. 6, 1900, bill of complaint dismissed by stipulation, (No. 91, D. N. J.), General Electric Co. v. Bullock Electric Co.; (No. 10,328, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.
- 661,121** Calculating machine, D. E. Felt, Nov. 6, 1900, claims 37, 38, 39 and 40 not infringed, 41 App. D. C. 427.
- 661,199** Tobacco stemming machine, J. B. Underwood, Nov. 6, 1900, claims 1 and 2 not infringed, (D. C. D. Del.), 237 F. 822.
- 661,447** Apparel belt, H. J. Gaisman, Nov. 6, 1900, claim 6 void, (C. C. D. N. Y.), 158 F. 430.
- 661,640** Woven carpet fabric, Alfred Heald, Nov. 13, 1900, not infringed, (C. C. E. D. Pa.), 171 F. 891; claim 1 not infringed, (C. C. A. 3rd Cir.), 175 F. 969.
- 661,847** Apparatus for mixing tea, etc., R. Burns, Nov. 13, 1900, held to anticipate 814,803, (C. C. A. 2nd Cir.), 177 F. 413.
- 662,050** Thill coupling, A. H. Worrest, Nov. 20, 1900, claims 2, 3 and 6 not infringed, (C. C. E. D. Pa.), 180 F. 112; not infringed by 838,767, (C. C. A. 3rd Cir.), 202 F. 757.
- 662,226** Cigar pocket, J. J. Dittgen, Nov. 20, 1900, void, (C. C. E. D. Wis.), 181 F. 394.
- 662,395** See Reissues 12,796 and 12,797.
- 662,687** Boiler feed regulator, J. W. Copes, Nov. 27, 1900, claim 6 valid but not infringed, (D. C. N. D. Ill., E. D.), 238 F. 216.

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- 662,714** Skirt, H. J. Feuchtwanger, Nov. 27, 1900, void, (C. C. E. D. Pa.), 180 F. 478; valid and infringed, (C. C. A. 3d Cir.), 183 F. 583; preliminary injunction denied, (C. C. M. D. Pa.), 193 F. 79; motion for preliminary injunction granted, (D. C. E. D. Pa.), 216 F. 195; valid and infringed, (C. C. A. 2nd Cir.), 226 F. 448.
- 662,919** Cutlery-polishing machine, Dilg & Dilg, Dec. 4, 1900, claim 1 void, (C. C. A. 2d Cir.), 189 F. 588.
- 663,069** Process for bleaching nuts, D. Farrell, Dec. 4, 1900, valid, infringed, (C. C. A. 9th Cir.), 166 F. 443.
- 663,325** Machine for turning crank axles, J. Blamire, Dec. 4, 1900, not infringed, (C. C. M. D. Pa.), 149 F. 780.
- 663,359** Dipping-frame for coating candies, P. Panoulis, Dec. 4, 1900, at law, claim 2 valid, judgment for plaintiff affirmed, (C. C. A. 2d Cir.), 188 F. 914.
- 664,151** Mechanical movement for printing presses, W. K. Hodgman, Dec. 18, 1900, claim 3 valid and infringed, (C. C. A. 2nd Cir.), 223 F. 647.
- 664,265** Electric meter, E. S. Halsey, Dec. 18, 1900, claim 2 valid and infringed, (C. C. A. 7th Cir.), 174 F. 141.
- 664,383** Apparatus for storing acetylene gas, Claude & Hess, Dec. 25, 1900, claims 1, 2 and 5 valid, infringed, (C. C. E. D. Wis.), 166 F. 907; infringed, (C. C. E. D. Wis.), 181 F. 387; preliminary injunction denied, term of patent limited by British 29,750 of 1896, (C. C. N. D. Ill., E. D.), 188 F. 85; preliminary injunction granted, rehearing denied, (C. C. E. D. Mich., S. D.), 188 F. 89; preliminary injunction granted against defendants, who refilled the patented tanks in violation of license, (C. C. E. D. Mich., S. D.), 190 F. 201; 188 F. 85 affirmed, (C. C. A. 6th Cir.), 192 F. 321; limited as to term and not infringed, (D. C. N. D. Ill., E. D.), 197 F. 908; order granting an interlocutory injunction affirmed, (C. C. A. 8th Cir.), 198 F. 650; limited as to term and not infringed, (C. C. A. 7th Cir.), 203 F. 276; decree of Circuit Court of Appeals affirming an order for an interlocutory injunction affirmed, (U. S. Sup. Ct.), 239 U. S. 156.
- 664,468** Pump governor, R. Conrader, Dec. 25, 1900, valid and infringed, (D. C. W. D. N. Y.), 226 F. 207; valid but not infringed, (C. C. A. 2nd Cir.), 238 F. 349.

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1901

- [illegible]

TABLE I—CHRONOLOGICAL LIST.

- Y.), 219 F. 572; valid and infringed, (C. C. A. 2nd Cir.), 222 F. 911 and 913.
- 666,869** Counterbalance for centrifugal pumps, F. H. Jackson, Jan. 29, 1901, valid and infringed, (C. C. N. D. Cal.), 197 F. 44.
- 666,928** Eyeglasses, R. B. Finch, Jan. 29, 1901, not infringed, (C. C. N. D. Ill., E. D.), 162 F. 320; not infringed, (C. C. A. 7th Cir.), 176 F. 99.
- 667,115** Burglar alarm system, C. Coleman, Jan. 29, 1901, claims 12, 13, 14 and 15 valid and infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.
- 667,140** Process of treating hosiery, M. Sarfert, Jan. 29, 1901, void, (C. C. E. D. Pa.), 181 F. 518; void, (C. C. A. 3rd Cir.), 194 F. 113.
- 667,142** Process of singeing hosiery, M. Sarfert, Jan. 29, 1901, void, (C. C. E. D. Pa.), 181 F. 518; void, (C. C. A. 3rd Cir.), 194 F. 113.
- 667,863** Pneumatic hammer, Joseph Boyer, Feb. 12, 1901, claims 1 to 9 and 32 void, and not infringed if conceded validity, (C. C. N. D. Ohio, E. D.), 171 F. 105; claims 1 to 9 not infringed by 735,589, (C. C. A. 6th Cir.), 185 F. 808.
- 668,140** Controller for electric motor, H. B. Cutter, Feb. 12, 1901, void, (C. C. S. D. N. Y.), 156 F. 791.
- 668,175** Grain separator, A. S. Froslid, Feb. 19, 1901, claim 1 valid, infringed, (C. C. A. 8th Cir.), 168 F. 259; order refusing to dissolve interlocutory injunction affirmed, (C. C. A. 8th Cir.), 202 F. 202; claim 1 valid and infringed, (C. C. A. 8th Cir.), 220 F. 150.
- 668,269** Metal cutting tool, Taylor & White, Feb. 19, 1901, void, (C. C. D. N. J.), 166 F. 880; decree of court below holding this patent void affirmed, (C. C. A. 3rd Cir.), 173 F. 1019.
- 668,270** Method of making metal cutting tools, Taylor & White, Feb. 19, 1901, void, (C. C. D. N. J.), 166 F. 880; decree of court below holding this patent void affirmed, (C. C. A. 3rd Cir.), 173 F. 1019.
- 668,495** Grate-bar, P. L. Crowe, Feb. 19, 1901, claims 1 and 2 construed and not infringed by 972,751, (D. C. D. N.

TABLE I—CHRONOLOGICAL LIST.

- J.), 206 F. 164; claims 1 and 2 not infringed, (C. C. A. 3rd Cir.), 213 F. 633.
- 668,655 Draft-rigging for railway cars, W. H. Miner, Feb. 26, 1901, claims 4 and 5 valid and infringed, (D. C. W. D. N. Y.), 238 F. 806.
- 668,656 Draft-rigging for railway cars, W. H. Miner, Feb. 26, 1901, claim 8 valid and infringed, claim 2 void, (D. C. W. D. N. Y.), 238 F. 806.
- 668,921 Cigar rolling table and wrapper cutter, I. Liberman, Feb. 26, 1901, claims 1, 2, 3 and 5 not infringed, (C. C. E. D. Pa.), 165 F. 208; not infringed, (C. C. A. 3rd Cir.), 170 F. 590.
- 668,960 Conveying and storage apparatus, Piez & Beaumont, Feb. 26, 1901, void, (C. C. A. 2nd Cir.), 150 F. 738.
- 668,971 Portable warehouse elevator, E. Brown, Feb. 26, 1901, void, (D. C. D. Ore.), 234 F. 649.
- 669,355 Paper confining means for book typewriters, C.F.Smith, Mar. 5, 1901, void, (C. C., S. D. N. Y.), 171 F. 96.
- 669,489 Railway-ticket, Richardson & Langston, March 5, 1901, claim 4 valid and infringed, (C. C. A. 7th Cir.), 187 F. 984; not infringed, (D. C. N. D. Ill., E. D.), 194 F. 444; (C. C. A. 7th Cir.), 203 F. 278.
- 669,574 Frame for electric motors, D. M. Bliss, Mar. 12, 1901, claims 1, 2 and 5 void, (C. C. A. 2nd Cir.), 150 F. 131.
- 669,621 Pleasure wheel, J. G. Conderman, Mar. 12, 1901, void, (C. C. A. 4th Cir.), 147 F. 915.
- 669,662 Multiphase transformer, E. W. Rice, Mar. 12, 1901, defendant's proofs closed May 12, 1910, no rebuttal testimony taken, (D. Ind.), General Electric Co. v. Winona Co.; bill filed Nov. 15, 1910, (No. 6069, D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.
- 669,708 Telephone switchboard, C. E. Scribner, Mar. 12, 1901, void, if conceded validity, not infringed, (C. C. N. D. Ill., S. D.), 148 F. 857.
- 670,080 Device for utilizing engine exhaust for heating motor carriages, E. Kempshall, Mar. 19, 1901, not infringed, (D. C. W. D. N. Y.), 236 F. 256.
- 670,893 Steam heating apparatus, J. A. Donnelly, Mar. 26, 1901, claims 2 and 7 not infringed, (C. C. A. 8th Cir.), 157 F. 920.

TABLE I—CHRONOLOGICAL LIST.

- 670,902 Power force pump, P. A. Myers, Mar. 26, 1901, not infringed, (C. C. Chicago, July, 1910), F. E. Myers v. Fairbanks, Morse & Co., appealed to C. C. A. 7th Cir. not reported; void, (C. C. A. 7th Cir.), 194 F. 971.
- 671,129 Workman's time recorder, W. L. G. Bundy, Apr. 2, 1901, claims 1 and 4 void, claim 2, if valid, not infringed, (C. C. N. D. N. Y.), 167 F. 329; void, (C. C. A. 2nd Cir.), 177 F. 933.
- 671,136 Mop wringer, F. Hoffman, Apr. 2, 1901, valid and infringed, (C. C. A. 3rd Cir.), 200 F. 424.
- 671,154 Panoramic camera, P. N. Angsten, Apr. 2, 1901, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.
- 671,232 Attachment for notched quadrants, Wm. B. Potter, Apr. 2, 1901, claim 1, not infringed, (C. C. D. N. J.), 171 F. 666; claim 1 not infringed, (C. C. A. 3rd Cir.), 178 F. 273.
- 671,244 Air pump governor, S. B. Stewart, Apr. 2, 1901, defendant's proofs closed Feb. 1, 1910, no rebuttal proofs taken, (D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.
- 671,287 End play device for shafts, A. D. Lunt, Apr. 2, 1901, bill of complaint dismissed by stipulation, (No. 91, D. N. J.), General Electric Co. v. Bullock Electric Co.; (No. 10,328, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co., not reported.
- 671,625 Phonograph, E. A. Hawthorne, Apr. 9, 1901, claim 5 not infringed, (D. C. S. D. N. Y.), 234 F. 344.
- 672,056 Clutch, Davey & Ladd, April 16, 1901, claims 2 and 6 void, (C. C. A. 1st Cir.), 153 F. 283.
- 672,176 Cement or concrete construction, F. Melber, Apr. 16, 1901, on construction of assignment, (C. C. A. 3rd Cir.), 234 F. 319.
- 672,414 Dough working and shaping machine, W. S. & C. I. Corby, Apr. 16, 1901, claim 13 not infringed, claims 10, 11 and 16 void, (C. C. A. 3rd Cir.), 230 F. 142.
- 672,455 Carpenter's square, M. Nicholls, Apr. 23, 1901, not infringed, (C. C. N. D. Ill., E. D.), 161 F. 358.
- 672,616 Method of breaking rock, T. A. Edison, Apr. 23, 1901, valid and infringed, (C. C. W. D. N. Y.), 191 F. 837.

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- 672,617 Apparatus for breaking rock, T. A. Edison, Apr. 23, 1901, valid, claims 1 to 4 and 7 infringed, claims 5 and 6 not infringed, (C. C. W. D. N. Y.), 191 F. 837.
- 672,636 Knotting machine, H. D. Coleman, Apr. 23, 1901, valid and infringed, (D. C. E. D. N. C.), 200 F. 59; (C. C. A. 4th Cir.), 205 F. 904; claims 17, 40, 48, 66 and 78 valid and infringed, (D. C. D. Mass.), 216 F. 911.
- 672,984 Safety razor, F., R., & O. Kampfe, April 30, 1901, claim 7 held limited to a razor having a hinged casing and not infringed, (C. C. D. Mass.), 149 F. 778.
- 673,274 Controller for electric motor, H. W. Leonard, Apr. 30, 1901, claims 1, 6, 7, 10 and 11 void, (C. C. S. D. N. Y.), 156 F. 791; claims 1, 6, 7 and 11 void, claim 10 void, if properly limited, not infringed, (C. C. A. 2nd Cir.), 168 F. 249.
- 673,419 Draft-rigging for railway cars, J. J. Byers, May 7, 1901, not infringed, (D. C. D. Me.), 222 F. 517; claims 3, 5 and 6 valid and infringed, claims 1, 2 and 10 valid but not infringed, claim 8 void, claim 7 not infringed, (C. C. A. 1st Cir.), 230 F. 821; petition for rehearing denied, (C. C. A. 1st Cir.), 234 F. 343.
- 673,485 Printing plate holder, E. R. Storm, May 7, 1901, not infringed, (D. C. S. D. N. Y.), 218 F. 178.
- 674,009 Knockdown paper box, C.W.Lewis, May 14, 1901, claims 1 to 4 valid and infringed, (C. C. D. Mass.), 189 F. 911.
- 674,024 Shaft coupling, F. Shaw, May 14, 1901, void, (C. C. S. E. D. Pa.), 181 F. 168; void, (C. C. A. 3d Cir.), 185 F. 113.
- 674,757 Bucking roll for saddle, J. Clark, May 21, 1901, valid, infringed, (C. C. D. Oregon), 160 F. 512.
- 674,974 Eyeglasses, D. H. Ludlow, May 28, 1901, void, C. C. A. 2nd Cir.), 202 F. 221.
- 675,272 Photographic negative, T. S. Fox, May 28, 1901, on master's report and exceptions thereto, (C. C., S. D. N. Y.), 158 F. 422; valid, (C. C. A. 2nd Cir.), 165 F. 442.
- 675,577 Locking device for pedestal tables, E. Tyden, June 4, 1901, claim 4 void, remaining claims not infringed, (C. C. A. 6th Cir.), 152 F. 183; claims 1 to 4, 14, 15 and 16, infringed by 852,011, (C. C. N. D. Ill., E. D.), 183 F. 593; claims 1, 2, 3, 4, 14, 15 and 16 valid and infringed, (C. C. A. 7th Cir.), 193 F. 410.

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- 675,812 Cargo vessel, J. Campbell, June 4, 1901, not infringed, (C. C. A. 6th Cir.), 179 F. 498.
- 676,084 Numbering machine, E. G. Bates, June 11, 1901, claims 2 and 22 not infringed, (C. C. A. 2nd Cir.), 149 F.220.
- 676,420 Locomotive toy, D. P. Clark, June 18, 1901, valid and infringed, (C. C. A. 6th Cir.), 217 F. 760.
- 676,549 Vegetable topping machine, A. E. Vrooman, June 18, 1901, infringed, (C. C. A. 6th Cir.), 179 F. 296; claims 1, 3, 4, 6 and 7 valid and infringed, petition for rehearing of 179 F. 296 denied, (C. C. A. 6th Cir.), 186 F. 495; decree modified, (C. C. A. 6th Cir.), 222 F. 894; decree of dismissal affirmed, (C. C. A. 6th Cir.), 222 F. 900.
- 676,557 Window shade holder, D. Hoyt, June 18, 1901, held not to infringe 754,404, (C. C. A. 7th Cir.), 178 F. 95.
- 676,824 Hook and eye package, T. De Q. Richardson, June 18, 1901, not infringed, (C. C. W. D. N. Y.), 150 F. 597; void, (C. C. A. 2nd Cir.), 168 F. 900.
- 677,308 Alternating current motor, R. Eickemeyer, June 25, 1901, Court of Appeals on Mar. 10, 1908, reversed lower court and dismissed the bill, holding the patent invalid, (No. 7129, N. D. N. Y.), General Electric Co. v. Corliss-Coon Co., not reported; claims 1, 2, 9 and 16 valid, infringed, (C. C. N. D. N. Y.), 154 F.671; claims 1, 2 and 9 to 16 void, (C. C. A. 2nd Cir.), 160 F. 672.
- 677,689 Spring barrel for watch movements, O. Ohlson, July 2, 1901, bill dismissed, (D. C. S. D. N. Y.), 202 F. 225.
- 678,096 Hook, T. J. Browning, July 9, 1901, on motion for preliminary injunction valid and infringed, (D. C. S. D. N. Y.), 199 F. 189.
- 678,514 Vegetable and fruit slice and slicer, E. S. Regnier, July 16, 1901, void, rehearing denied, (C. C. A. 7th Cir.), 188 F. 68.
- 678,581 Foundation construction, J. F. O'Rourke, July 16, 1901, claim 2 valid and infringed, (C. C. A. 2nd Cir.), 228 F. 509.
- 678,597 Railway-car, C. Vanderbilt, July 16, 1901, claim 54 void, (C. C. D. N. J.), 190 F. 588.

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- 679,031 Power press, G. A. Ohl, Sr., G. A. Ohl, Jr., Theberath & Berghof, July 23, 1901, not infringed, (C. C. D. N. J.), 166 F. 898; claims 11 and 17-21 void, claim 10 valid but not infringed, (C. C. A. 3rd Cir.), 175 F. 67.
- 679,134 Photographic shutter, A. Wollensak, July 23, 1901, claim 1 not infringed, (D. C. W. D. N. Y.), 199 F. 923; affirmed, (C. C. A. 2nd Cir.), 209 F. 232.
- 679,153 Switch rod, Lee & Moore, July 23, 1901, held to not infringe 640,456, (C. C. N. D. Ill., E. D.), 156 F. 591; (C. C. A. 7th Cir.), 164 F. 843.
- 679,553 Feeding mechanism for sewing machine, C. A. Dearborn, July 30, 1901, infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 167 F. 568; claim 2, on motion for preliminary injunction, infringed, (C. C. A. 2nd Cir.), 170 F. 963; claim 2 infringed, (C. C. S. D. N. Y.), 180 F. 766.
- 679,639 Safety razor, August Wm. Scheuber, July 30, 1901, not infringed, (C. C. S. D. N. Y.), 170 F. 197; not infringed, (C. C. A. 2nd Cir.), 175 F. 78.
- 681,234 Ore crusher, C. H. & H. C. Krause, Aug. 27, 1901, valid, infringed, (C. C. A. 6th Cir.), 151 F. 1012.
- 681,457 See Reissue 12,072.
- 681,870 Concrete floor construction, C. F. Buente, Sept. 3, 1901, claim 4 not infringed, (C. C. A. 6th Cir.), 222 F. 506.
- 682,233 Outlet box for interior conduits, W. F. Bossert, Sept. 10, 1901, not infringed, (C. C. A. 2nd Cir.), 179 F. 385.
- 682,390 Machine for packing explosive gelatine, J. C. Schrader, Sep. 10, 1901, claims 1, 2, 3, 4 and 16 void, claims 5 to 8 valid, infringed, (C. C. M. D. Pa.), 164 F. 47.
- 683,425 Process of making fabric-covered ornaments, Anderson & Holstein, Oct. 1, 1901, not infringed, (C. C. A. 6th Cir.), 211 F. 462.
- 683,615 Method of duplicating phonographic records, Miller & Aylesworth, Oct. 1, 1901, claims 3, 4 and 5 not infringed, (C. C. S. D. W. Va.), 184 F. 75.
- 683,676 Apparatus for duplicating phonographic records, Miller & Aylesworth, Oct. 1, 1901, claims 6 and 7 void, claim 5 not infringed, (C. C. S. D. W. Va.), 184 F. 75.

TABLE I—CHRONOLOGICAL LIST.

- 683,809** Ellipsograph, F. W. Starr, Oct. 1, 1901, valid and infringed, (C. C. S. D. Ohio, W. D.), 194 F. 730; claims 1-10, 12, 14, 18 and 21 void, claims 11, 19 and 20 valid and infringed, claims 16 and 17 not infringed, (C. C. A. 6th Cir.), 203 F. 264.
- 684,662** Carbureter, G. V. Ahara, Oct. 15, 1901, valid and infringed, (D. C. N. D. Ill. E. D.), 212 F. 419; valid and infringed by two forms of carbureters, but not infringed by a third, (D. C. N. D. Ill., E. D.), 220 F. 154.
- 684,751** Grain separator, A. S. Froslid, Oct. 15, 1901, claims 1, 2 and 3 valid, infringed, (C. C. A. 8th Cir.), 168 F. 259; order refusing to dissolve interlocutory injunction affirmed, (C. C. A. 8th Cir.), 202 F. 202; claim 1 valid and infringed, (C. C. A. 8th Cir.), 220 F. 150.
- 684,776** Clothes drier, W. M. Barnes, Oct. 22, 1901, valid, infringed, (C. C. E. D. Pa.), 151 F. 59; validity doubtful, motion for preliminary injunction denied, (C. C. N. D. N. Y.), 161 F. 556; claims 1 to 6, valid and infringed, (C. C. N. D. N. Y.), 171 F. 878; valid and infringed, (C. C. A. 2nd Cir.), 174 F. 415; not infringed, (D. C. N. D. N. Y.), 197 F. 51.
- 684,778** Clothes drying machine, W. M. Barnes, Oct. 22, 1901, claims 1 to 17, 21 and 24 valid, infringed, (C. C. E. D. Pa.), 151 F. 59.
- 685,328** Polishing machine, Henry P. Gale, Oct. 29, 1901, claims 1 and 3 valid but not infringed, (C. C. W. D. N. Y.), 192 F. 122; claims 1 and 3 valid and infringed, (C. C. A. 2nd Cir.), 198 F. 90; claim 1 valid and infringed, (D. C. W. D. N. Y.), 200 F. 77.
- 685,410** Apparatus for veneering bricks, Andrew Ramsay, Oct. 29, 1901, claims 1 and 2 valid and infringed, (C. C. W. D. Pa.), 187 F. 218.
- 685,691** Method of extracting gold from refractory ores, Robert McKnight, Oct. 29, 1901, denied priority in interference on the ground of lack of right to make claims, 30 App. D. C. 92.

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- 685,790** Candy coating machine, P. Panoulas, Nov. 5, 1901, valid and infringed as to claims 27, 28, 37 and 38, anticipates 790,184, (Jury trial, C. C. S. D. N. Y. Dec. 19, 1910), Panoulas v. Confectioners' Mch. & Mfg. Co., for plf. F. E. M. Bullova, for dft. Wm. Quinby, not reported; judgment above noted affirmed, (C. C. A. 2d Cir.), 188 F. 211.
- 685,820** Lead anchor for expansion bolt, J. H. Cook, Nov. 5, 1901, valid but not infringed, (D. C. W. D. Wis.), 225 F. 383; claims 1, 2, 3, 5, 10, 11 and 14 not infringed, (D. C. S. D. N. Y.), 228 F. 205; valid but not infringed, (C. C. A. 7th Cir.), 234 F. 868.
- 686,022** See Reissue 11,995.
- 686,100** Lock for gear shifting devices, W. A. Maybach, Nov. 5, 1901, not infringed, (C. C. S. D. N. Y.), 160 F. 679; decree reversed, (C. C. A. 2nd Cir.), 170 F. 70.
- 686,139** Cherry stoner, M. A. Rollman, Nov. 5, 1901, valid and infringed, (D. C. E. D. Pa.), 207 F. 97; on petition to produce books and papers, (D. C. E. D. Pa.), 218 F. 651; on motion to suppress letters, (D. C. E. D. Pa.), 229 F. 579; order of District Court (229 F. 579) affirmed, (C. C. A. 3rd Cir.), 238 F. 568.
- 686,591** Lifting jack, W. H. Cox, Nov. 12, 1901, claims 2 to 5 inclusive void, claim 1 if conceded validity, not infringed, (C. C. A. 7th Cir.), 203 F. 279.
- 686,617** Ball retaining device, H. B. Keiper, Nov. 12, 1901, held to not infringe either 449,959 or 449,968, (C. C. E. D. Pa.), 147 F. 721; claims 2 and 3 not infringed, (C. C. S. D. N. Y.), 157 F. 930.
- 686,691** Automatic casing perforator for deep wells, E. A. Hardison, Nov. 12, 1901, claim 1 not infringed by 726,625, (C. C. A. 9th Cir.), 156 F. 962.
- 686,900** Steam and hot water boiler, W. Kane, Nov. 19, 1901, not infringed, (D. C. E. D. Pa.), 216 F. 932.
- 686,964** Apparatus for producing burnt clay ballast, Bennett and Forgham, Nov. 19, 1901, claims 1, 2 and 6 not infringed, (C. C. A. 7th Cir.), 220 F. 890.
- 687,188** Suspenders, G. E. Adams, Nov. 26, 1901, bill dismissed, (D. C. S. D. N. Y.), 233 F. 433.

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- 687,449 Pump governor, R. Conrader, Nov. 26, 1901, valid and infringed as to claims 1, 8 and 13, claim 17 not infringed, (D. C. W. D. N. Y.), 226 F. 207; valid but not infringed, (C. C. A. 2nd Cir.), 238 F. 349.
- 687,499 Telephone transmitter, W. W. Dean, Nov. 26, 1901, valid, infringed, (C. C. N. D. Ill., E. D.), 158 F. 104; awarded priority in interference, 29 App. D. C. 112; valid and infringed, (C. C. A. 7th Cir.), 171 F. 651; claims describing the granule chamber as carried on the diaphragm, void, the remaining claims not infringed, (D. C. N. D. Ohio, E. D.), 231 F. 190.
- 687,569 Rheostat, J. Lundie, Nov. 26, 1901, held to not infringe 411,947 or 459,794, (C. C. E. D. N. Y.), 164 F. 425.
- 688,108 Brake for motor vehicles, W. A. Maybach, Dec. 3, 1901, not infringed, (C. C. S. D. N. Y.), 160 F. 679; decree reversed, (C. C. A. 2nd Cir.), 170 F. 70.
- 688,111 Coal conveying and storage apparatus, Piez & Beaumont, Dec. 3, 1901, void, (C. C. A. 2nd Cir.), 150 F. 738.
- 688,446 Gum plaster, H. F. Stempel, Jr., Dec. 10, 1901, interlocutory decree of lower court reversed, (C. C. A. 8th Cir.), 209 F. 847.
- 688,674 Meat tree, P. Oehmen, Dec. 10, 1901, void, (C. C. A. 7th Cir.), 148 F. 854.
- 688,690 Bed motion for printing press, G. F. Read, Dec. 10, 1901, not infringed, (C. C. A. 2nd Cir.), 149 F. 213.
- 688,739 Method of producing sound-records, J. W. Jones, Dec. 10, 1901, valid, infringed, (C. C. A. 2nd Cir.), 151 F. 595; preliminary injunction granted, (C. C. S. D. N. Y.), 155 F. 427; preliminary injunction denied, (C. C. S. D. N. Y.), 155 F. 427 (2nd case); valid and infringed, (C. C. A. 2nd Cir.), 170 F. 327; on order to show cause against receiver for defendant, (C. C. S. D. N. Y.), 174 F. 158; not infringed, demurrer on ground of license sustained, (C. C. D. N. J.), 188 F. 431; affirmed, (C. C. A. 3d Cir.), 188 F. 428.
- 688,789 Grass twine machine, Monahan & Kieren, Dec. 10, 1901, claims 23 and 24 valid but not infringed, (C. C. E. D. Wis.), 194 F. 885; claims 23 and 24 valid but not infringed, (C. C. A. 7th Cir.), 207 F. 937.

TABLE I—CHRONOLOGICAL LIST.

- 688,830 Automatic valve, W. J. Collins, Dec. 17, 1901, infringes patent No. 524,048, (C. C. A. 1st Cir.), 171 F. 844.
- 689,906 Detonating device, G. M. Potter, Dec. 31, 1901, void, (C. C. A. 6th Cir.), 155 F. 278.
- 690,084 Pneumatic carpet renovator, J. S. Thurman, Dec. 31, 1901, claims 5 and 6 infringed, (C. C. E. D. Wis.), 177 F. 272; claims 5 and 6 not infringed, (C. C. A. 7th Cir.), 195 F. 744.
- 690,355 Circular loom, C. N. Brown, Dec. 31, 1901, action on contract, judgment for defendant affirmed, (C. C. A. 1st Cir.), 187 F. 840.

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- 690,385 Hem or seam for sewed articles, W. Arbetter, Jan. 7, 1902, awarded priority in interference, 34 App. D. C. 491; does not infringe 862,830, (D. C. N. D. Ill. E. D.), 208 F. 992; does not infringe 862,830, (C. C. A. 7th Cir.), 219 F. 557.
- 691,332 Railroad tie-plate, B. Wolhaupter, Jan. 14, 1902, claims 1, 2 and 3 not infringed, (C. C. N. D. Ill., E. D.), 193 F. 418; claims 1, 2 and 3 void, (C. C. A. 6th Cir.), 213 F. 789; claims 1, 2 and 3 valid and infringed, (C. C. A. 7th Cir.), 222 F. 261.
- 691,342 Process for extraction of cotton seed oil. E. L. Johnson, Jan. 14, 1902, void, (C. C. A. 5th Cir.), 179 F. 231.
- 691,495 See Reissue 12,798.
- 691,598 Ornamental structures, such as grilles, etc., L. B. Christopherson and M. M. Gillespie, Jan. 21, 1902, claims 1, 3 and 7, held not infringed by the device of the Christopherson patent No. 766,595, (C. C. A. 9th Cir.), 182 F. 817.
- 692,277 Heater and incubator, W. P. Hall, Feb. 4, 1902, infringed, (C. C. A. 1st Cir.), 200 F. 958; not infringed, (D. C. N. D. N. Y.), 205 F. 906; (C. C. A. 2nd Cir.), 215 F. 109.
- 692,535 Spring seat, W. A. Murray, Feb. 4, 1902, claims 1, 3 and 5 not infringed, (C. C. A. 6th Cir.), 161 F. 352; not infringed by 954,331, (D. C. E. D. Mich.), 195 F. 774; infringed by 954,331, (C. C. A. 6th Cir.), 206 F. 465; not infringed, (C. C. A. 6th Cir.), 234 F. 91.

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- 692,935 Weft replenishing mechanism for looms, H. W. Smith, Feb. 11, 1902, claims 13 and 14 void, (D. C. D. Mass.), 205 F. 925; (C. C. A. 1st Cir.), 218 F. 841.
- 693,207 Process for ageing and bleaching flour, J. & S. Andrews, Feb. 11, 1902, valid, infringed, (C. C. A. 8th Cir.), 168 F. 911.
- 693,643 Draft-rigging for railway cars, W. H. Emerick, Feb. 18, 1902, valid and infringed, (D. C. N. D. Ill., E. D.), 216 F. 198; valid and infringed, (C. C. A. 7th Cir.), 229 F. 730.
- 693,778 Paring and coring machine, William H. Boutell, Feb. 18, 1902, claims 4 to 10 and 21 to 25 valid and infringed, (C. C. W. D. N. Y.), 185 F. 525.
- 693,916 Conduit for electric wires, E. D. and H. N. Speer, Feb. 25, 1902, not infringed by 1,049,771, (D. C. W. D. Pa.), 210 F. 462; claims 2 and 6 valid and infringed by 1,049,771, (C. C. A. 3rd Cir.), 212 F. 407.
- 694,062 Weather-strip and guide for windows, Hugh E. Kenny, Feb. 25, 1902, claims 1 and 2 void in view of 424,905, (C. C. A. 8th Cir.), 187 F. 837.
- 694,103 See Reissue 12,005.
- 694,322 Fare register, Ohmer, Tyler and Breidenbach, Feb. 25, 1902, claims 2, 6 and 11 not infringed, (C. C. A. 6th Cir.), 238 F. 182.
- 694,503 Side bearings for railway cars, John C. Wands, Mar. 4, 1902, claims 23 to 27 inclusive, valid and infringed, (C. C., N. D. Ill., E. D.), 170 F. 968; form of decree considered, 170 F. 982; claims 23 to 27, not infringed, (C. C. A. 7th Cir.), 178 F. 449.
- 694,549 Side bearings for railway cars, C. F. Huntoon, Mar. 4, 1902, claims 1, 3 and 9, valid and infringed, (C. C., N. D. Ill., E. D.), 170 F. 968; not infringed, (C. C. A. 7th Cir.), 178 F. 449.
- 694,580 Reinforced concrete construction, E. L. Ransome, Mar. 4, 1902, valid and claims 5 to 10 infringed, (D. C. W. D. N. Y.), 197 F. 172; claims 5 to 10 not infringed, (C. C. A. 2nd Cir.), 201 F. 528.
- 695,121 Doll, E. U. Steimer, Mar. 11, 1902, valid, infringed, (C. C. S. D. N. Y.), 148 F. 868.

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- 695,220 Electromechanical water wheel governor, L. Lyndon, Mar. 11, 1902, at issue Aug. 5, 1907, no testimony taken, (D. N. J.), Lamar Lyndon & Nealon Co. v. Allis-Chalmers Co., not reported; not infringed, (D. C. S. D. Cal.), 230 F. 457.
- 695,468 Tufting button, F. Marggraff, Mar. 18, 1902, anticipated by 377,029, (C. C. E. D. Ky.), 167 F. 132; anticipated by 377,029, (C. C. A. 6th Cir.), 167 F. 128.
- 695,508 See Reissue 12,437.
- 695,870 Electric lighting system, E. Thomson, Mar. 18, 1902, defense turned over to Pittsburg Transformer Co., (No. 45, W. D. Pa.), Thomson-Houston Electric Co. v. Butler Light, Heat and Motor Co., not reported.
- 696,305 Station terminal in a pneumatic despatch system, T. Bemis, Mar. 25, 1902, claims 8, 33 and 40 valid and infringed, (C. C. N. D. Ill. E. D.), 177 F. 717.
- 696,940 Trousers hanger, M. H. Cazier, Apr. 8, 1902, decree on master's report affirmed, (C. C. A. 7th Cir.), 157 F. 88; appeal from decree imposing fine for contempt, (C. C. A. 7th Cir.), 168 F. 88.
- 698,156 Coupling for wires, R. Thompson, Apr. 22, 1902, defense turned over to Pittsburg Transformer Co., (No. 45, W. D. Pa.), Thomson-Houston Electric Co. v. Butler Light, Heat and Motor Co.; bill filed Feb. 15, 1910, order dismissing the bill, (E. D. Pa.), Thomson-Houston Co. v. Edison Illuminating Co. of Ashland, not reported; invalid, (D. C. W. D. Pa.), 205 F. 42.
- 698,542 Concrete flooring, O. W. Norcross, Apr. 29, 1902, claim 2 void, claims 1, 3 and 4 not infringed, (D. C. D. Minn. F. D.), 209 F. 854; claims 1, 3 and 4 valid and infringed by 985,119 and 1,003,384, (C. C. A. 8th Cir.), 219 F. 188.
- 698,614 Typewriting and adding machine, J. C. Wolfe, Apr. 29, 1902, priority denied as to claim 1.
- 698,820 Ticket punch, H. Cottrell, Apr. 29, 1902, valid and infringed, (C. C. D. N. J.), 180 F. 772; demurrer sustained in part, (D. C. N. D. Ill., E. D.), 200 F. 771.
- 699,262 Dump wagon, M. Van Wagenen, May 6, 1902, valid and claim 4 infringed, (C. C. E. D. Pa.), 181 F. 148; valid and infringed, (C. C. A. 3d Cir.), 183 F. 771.

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- 700,381** Theatrical appliance, J. W. Sherman, May 20, 1902, claims 1 and 2 infringed, (D. C. S. D. N. Y.), 232 F. 730.
- 700,740** Valve mechanism for elevators, W. F. Cole, May 27, 1902, not infringed by 786,653 and 786,654, (C. C. D. Mass.), 153 F. 747; infringed by a device considered quite similar to 786,654, (C. C. A. 1st Cir.), 165 F. 906.
- 700,816** Device for supporting and delivering paper, R. H. Piper, May 27, 1902, claims 2 and 5 construed and held infringed, (C. C. S. D. N. Y.), 186 F. 992; same, (D. C. S. D. N. Y.), 197 F. 175.
- 700,878** Photographic shutters, A. Wollensak, May 27, 1902, claims 1, 2, 6, 7, 8, 10 and 23 not infringed, (D. C. W. D. N. Y.), 199 F. 923; affirmed, (C. C. A. 2nd Cir.), 209 F. 232.
- 700,919** Computing scale, A. B. Hayden, May 27, 1902, claims 1, 2, 6, 7 and 8 not infringed, (U. S. Sup. Ct.), 204 U. S. 609.
- 701,544** Guide for punching presses, T. and J. R. Conley, June 3, 1902, not infringed, (C. C. D. N. J.), 175 F. 79; all claims valid and infringed, (C. C. A. 3d Cir.), 187 F. 137; valid but not infringed by 908,818, (D. C. W. D. Pa.), 204 F. 93; (C. C. A. 3rd Cir.), 211 F. 655.
- 701,776** Mold and oven for baking biscuit cups, A. Valvona, June 3, 1902, valid but not infringed, (C. C. W. D. Ky.), 207 F. 374; valid but preliminary injunction denied, (C. C. D. Mass.), 207 F. 374; valid but not infringed, (D. C. W. D. Pa.), 207 F. 377; valid and infringed, (D. C. D. N. J.), 207 F. 380; void, (C. C. A. 3rd Cir.), 212 F. 168.
- 701,839** Envelope, A. F. Callahan, June 10, 1902, void, (D. C. D. Mass.), 210 F. 630; (C. C. A. 1st Cir.), 216 F. 754.
- 702,158** Combined bustle and hip form, C. H. Scott, June 10, 1902, valid, claim 2 infringed, (C. C. A. 2nd Cir.), 160 F. 472.
- 702,585** Grate bar, H. E. Parson, June 17, 1902, void, (C. C. D. N. J.), 180 F. 742; void, (C. C. A. 3d Cir.), 185 F. 522.
- 702,754** Window, W. D. Watson, June 17, 1902, void, (C. C. A. 7th Cir.), 236 F. 346.

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- 703,100 Massaging implement, J. B. Wantz, June 24, 1902, void, (C. C. A. 2nd Cir.), 212 F. 944.
- 703,313 Barrel closure, W. W. Sly, June 24, 1902, decree of lower court dismissing case for want of jurisdiction reversed, (C. C. A. 6th Cir.), 201 F. 683.
- 703,436 Motor vehicle, W. A. Maybach, July 1, 1902, not infringed, (C. C. S. D. N. Y.), 160 F. 679.
- 703,577 Milling cutter, B. M. W. Hanson, July 1, 1902, claim 1 not infringed, (C. C. A. 1st Cir.), 204 F. 447.
- 704,099 Regulation of electric motors, O. H. & A. F. Pieper, July 8, 1902, void, (C. C. S. D. N. Y.), 156 F. 672; (C. C. A. 2nd Cir.), 160 F. 930; valid and infringed, (C. C. A. 7th Cir.), 228 F. 30.
- 704,971 Flume gate, E. Campbell, July 15, 1902, void, (C. C. A. 9th Cir.), 194 F. 110.
- 705,228 Handle for type block, W. A. Force, July 22, 1902, void on demurrer, (C. C. S. D. N. Y.), 157 F. 235; void, (C. C. A. 2nd Cir.), 165 F. 445.
- 705,241 Electric controller, J. C. Henry, July 22, 1902, no testimony taken since Aug. 1905, complainant's prima facie proofs not completed, (No. 1901, N. D. Ohio), Stanley Electric & Mfg. Co. v. Toledo etc. Co., not reported.
- 705,326 Feeding mechanism for sewing machine, C. A. Dearborn, July 22, 1902, infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 167 F. 568; claim 3, on motion for preliminary injunction, infringed, (C. C. A. 2nd Cir.), 170 F. 963; claims 3, 12 to 17 inclusive, 20, 22 and 23 infringed, (C. C. S. D. N. Y.), 180 F. 766; claims 3, 12 to 17, 20, 22 and 23 infringed by 814,642, (C. C. A. 2d Cir.), 185 F. 503.
- 705,409 Accounting attachment for typewriters, O. L. Ingram, July 22, 1902, priority denied as to claim 1.
- 705,527 Work gage attachment for book typewriters, H. J. Halle, July 22, 1902, valid and infringed, (C. C., S. D. N. Y.), 171 F. 96.
- 705,715 Process of intensifying the lustre of silk fibre, C. Stuart, July 29, 1902, anticipated by British patent to Hendrie 10,938 of 1845, (C. C. A. 3rd Cir.), 149 F. 748.

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- 705,716** Machine for increasing the lustre of silk, C. Stuart, July 29, 1902, void, (C. C. A. 3rd Cir.), 149 F. 748.
- 705,732** Concrete retaining wall, F.A.Bone, July 29, 1902, claims 1, 2, 3, 5, 16 and 17 valid and infringed, (C. C. A. 6th Cir.), 221 F. 944.
- 705,832** Bottle labeling machine, J. J. Gaynor, July 29, 1902, claim 1 not infringed by 923,501 and 950,259, (C. C. A. 1st Cir.), 214 F. 354.
- 705,850** Electrical panel-board, Hubert Krantz, July 29, 1902, claims 1 and 3 void, (C. C. A. 2d Cir.), 187 F. 603.
- 705,857** Curtain stretcher, W. A. Mayr, July 29, 1902, not infringed, (C. C. A. 7th Cir.), 180 F. 732.
- 705,912** Soot cleaner for steam boilers, W. Eichelberger, July 29, 1902, void, (C. C. A. 6th Cir.), 237 F. 818.
- 706,144** Broom, McC. Young, Aug. 5, 1902, priority denied as to claim 3. ???
- 706,701** Method of impacting one metal upon another, S. H. Thurston, Aug. 12, 1902, bill dismissed, (D. C. D. Mass.), 229 F. 737.
- 706,736** Apparatus for wireless telegraphy, R.A.Fessenden, Aug. 12, 1902, claims 6, 9-12, 14, 19-21, 27-30, 32, 33 and 35 valid and infringed, bill dismissed as to remaining claims, (C. C. D. Me.), 189 F. 727; preliminary injunction granted, (C. C. S. D. N. Y.), 193 F. 424; claims 6, 9-12, 14, 19-21, 27-30, 32, 33 and 35 not infringed, (C. C. A. 1st Cir.), 198 F. 386; rehearing denied, (C. C. A. 1st Cir.), 199 F. 153; order granting preliminary injunction reversed, (C. C. A. 2nd Cir.), 200 F. 591; not infringed, (D. C. S. D. N. Y.), 209 F. 856; not infringed, (C. C. A. 2nd Cir.), 221 F. 629.
- 707,361** Railway car heating apparatus, J. Searle, Aug. 19, 1902, void, (C. C. N. D. N. Y.), 160 F. 476; void, (C. C. A. 2nd Cir.), 174 F. 658.
- 707,702** Underframe for railway cars, H. R. Keithley, Aug. 26, 1902, decree dismissing cross-bill, (D. C. W. D. N. Y.), 216 F. 904.

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- 707,754** Brush mechanism for dynamos, W. L. Bliss, Aug. 26, 1902, claim 6 valid but not infringed, (C. C. N. D. Ill., E. D.), 191 F. 846; invalid as to claim 6 and not infringed if conceded validity after filing of disclaimer in October, 1912, (C. C. A. 7th Cir.), 202 F. 915.
- 707,837** Sheet piling, L. P. Friestedt, Aug. 26, 1902, claims 1 to 5, not infringed, (C. C. N. D. Ill., N. D.), 182 F. 836; claims 1 to 5 not infringed by 860,053 and 877,588, (C. C. A. 7th Cir.), 195 F. 757; does not infringe 500,780, (C. C. A. 7th Cir.), 195 F. 759.
- 707,855** Furnace grate, G. Maag, Aug. 26, 1902, not infringed, (C. C. A. 6th Cir.), 181 F. 96.
- 707,934** Motion picture apparatus, W. Latham, Aug. 26, 1902, not infringed by a camera, validity not adjudicated, Motion Picture Patents Co. v. Independent Moving Pictures Co. of America, (D. C. S. D. N. Y., Feb. 3, 1912), not reported; claims 1, 3, 5 and 8 not infringed, (C. C. A. 2nd Cir.), 200 F. 411; decree of District Court dismissing bill affirmed, (C. C. A. 2nd Cir.), 235 F. 398.
- 708,496** Burglar alarm, F. C. Robinson et al., Sept. 2, 1902, valid and infringed as to claims 1, 2, 3, 7, 8 and 10, but not infringed as to claims 9, 11, 12 and 13, (C. C. D. Minn. 4th Div.), 181 F. 350; valid and infringed, (C. C. E. D. Tenn.), 181 F. 375.
- 708,528** Metal cap for bottles or jars, C. A. Calleson, Sep. 9, 1902, held to anticipate 801,281, (C. C. D. N. J.), 156 F.365.
- 708,601** Side bearings for railway cars, John C. Wands, Sept. 9, 1902, withdrawn from suit, 170 F. 968, 170 F. 982.
- 708,679** Wire fence making machine, T. Sutherland, Sep. 9,1902, held to infringe 628,253, (C. C., D. Minn., 4th D.), 126 F. 381.
- 709,001** Process of manufacturing electrical conductors, L. W. Downes, Sep. 16, 1902, not infringed, (C. C. A. 3rd Cir.), 150 F. 122.
- 709,008** Die for cutting leather, J. M., J., A. J., & S. A. Gimson, Sept. 16, 1902, void, (D. C. D. Mass.), 215 F. 122; void, (C. C. A. 1st Cir.), 228 F. 45.

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- 709,014 Drill chuck, Arthur I. Jacobs, Sept. 16, 1902, void, claim 3 not infringed if conceded validity, (C. C. E. D. N. Y.), 169 F. 134; void, (C. C. A. 2nd Cir.), 177 F. 935.
- 709,184 Tin-plate cleaning machine, Taliaferro & Reynard, Sept. 16, 1902, valid and infringed, (D. C. W. D. Pa.), 214 F. 583; (C. C. A. 3rd Cir.), 218 F. 69.
- 709,416 Cooling and condensing apparatus, W.A. Maybach, Sep. 16, 1902, not infringed, (C. C. S. D. N. Y.), 160 F.679; decree reversed, (C. C. A. 2nd Cir.), 170 F. 70.
- 709,716 Dump wagon, W. Leonhardt, Sept. 23, 1902, void, (D. C. D. Md.), 199 F. 790.
- 709,864 Machine for edge-uniting veneers, W.M. Boenning, Sept. 30, 1902, valid and claims 4, 5, 10, 12 and 15 infringed by 1,010,846, (C. C. A. 6th Cir.), 227 F. 419.
- 711,986 Cigarette forming, wrapping and ironing appliance, Frank J. Ludington, Oct. 28, 1902, claim 1 valid and infringed by 779,430 and 779,431, (C. C. A. 2d Cir.), 188 F. 318.
- 711,987 Process of making cigarettes from continuous cigarette-rods, Frank J. Ludington, Oct. 28, 1902, claim 3 valid and infringed by 779,430 and 779,431, (C. C. A. 2d Cir.), 188 F. 318.
- 712,718 Extensible bedstead or couch, A. de Piniec-Mallet, Nov. 4, 1902, valid, infringed, (C. C. S. D. N. Y.), 152 F. 1023; judgment against contemnor affirmed, (C. C. A. 1st Cir.), 190 F. 565.
- 713,886 Tobacco stemming machine, J. A. Hutcheson, Nov. 18, 1902, claims 1, 2, 3, 4, 5, 7, 8, 10, 13, 16, 17 and 18 not infringed, (D. C. D. Del.), 237 F. 822.
- 714,140 Hand truck, E. J. Bryan, Nov. 25, 1902, claims 1, 12, 14, 15 and 16 valid and infringed, (C. C. A. 9th Cir.), 177 F. 210.
- 714,290 Receptacle for incandescent lamps, P.-H. Fielding, Nov. 25, 1902, not infringed, (C. C., S. D. N. Y.), 148 F. 230; void, (C. C. A. 2nd Cir.), 154 F. 377.
- 714,436 High-potential switch, C. C. Badeau, Nov. 25, 1902, void, (C. C. D. Mass.), General Electric Co. v. Hartman et al., not reported, (see 187 F. 131).
- 714,651 Sound record, T. H. Macdonald, Nov. 25, 1902, not infringed, (D. C. S. D. N. Y.), 234 F. 361.

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- 714,880** Paint remover, C. Ellis, Dec. 2, 1902, preliminary injunction granted, (C. C. E. D. N. Y.), 180 F. 1004; decree dismissing bill affirmed, (C. C. A. 7th Cir.), 203 F. 993; valid and infringed as to claims 6, 7 and 8, (D. C. S. D. N. Y.), 220 F. 681; valid and infringed as to claims 6, 7 and 8, (D. C. N. D. Ill., E. D.), 220 F. 685; valid and infringed as to claims 6, 7 and 8, (C. C. A. 2nd Cir.), 224 F. 481.
- 715,651** Tobacco stemming machine, F. G. Frankenberg, Dec. 9, 1902, claim 3 not infringed, (D. C. D. Del.), 237 F. 822.
- 716,189** Motor control system, F. E. Case, Dec. 16, 1902, claims 12, 13 and 17 void, (C. C. A. 2nd Cir.), 231 F. 725.
- 716,417** Combined mop and wringer therefor, Edward Hilker, Dec. 23, 1902, anticipates claim 1 of 744,196 and claim 1 of 758,753, (C. C. A. 6th Cir.), 191 F. 613.
- 716,504** Electric switch, G. H. Wittinham, Dec. 23, 1902, not infringed, (C. C. D. Md.), 180 F. 983.
- 717,014** Method of making brushes, W. Morrison, Dec. 30, 1902, not infringed, (C. C. A. 2nd Cir.), 154 F. 665.
- 717,122** Pressure governor, A. Roesch, Dec. 30, 1902, claim 5 not infringed, (C. C. E. D. N. Y.), 148 F. 713; claim 5 valid, infringed, (C. C. A. 2nd Cir.), 154 F. 952.
- 717,296** Micrometer calipers, F. Spalding, Dec. 30, 1902, valid and infringed, (C. C. A. 1st Cir.), 208 F. 887; valid and infringed, (D. C. D. Mass.), 225 F. 993; infringed by 1,098,694, (D. C. D. Mass.), 225 F. 997.
- 717,490** Drawer for card indexes, P. H. Yawman, Dec. 30, 1902, claims 4, 5, 10, 11 and 12 valid, infringed, (C. C. A. 2nd Cir.), 159 F. 443.

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- 717,641** Window strip, C. Vose, Jan. 6, 1903, bill dismissed, (D. C. E. D. N. Y.), 216 F. 523; valid and infringed, (D. C. E. D. N. Y.), 216 F. 775; not infringed, (C. C. A. 2nd Cir.), 219 F. 747; not infringed, (D. C. E. D. N. Y.), 237 F. 856.
- 718,044** Roof structure, H. Aiken, Jan. 6, 1903, valid and infringed, (C. C. A. 3rd Cir.), 203 F. 699; valid, claims 1 and 3 infringed, (D. C. W. D. Pa.), 205 F. 531.

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- 718,441 Process of making substructures for buildings, J.M.Ewen, Jan. 13, 1903, void, (C. C. N. D. Ill., E. D.), 167 F. 549; void, (C. C. A. 7th Cir.), 174 F. 236.
- 718,781 Linotype mechanism, C. Muelheisen, Jan. 20, 1903, claims 2 and 3 not infringed, (D. C. S. D. N. Y.), 229 F. 168; claims 2 and 3 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 719,216 Composition for digester linings, Ernst Hentschel, Jan. 27, 1903, void; conceding validity infringement not proved, (C. C., N. D. N. Y.), 169 F. 114.
- 719,436 Linotype mechanism, J. W. Champion, Feb. 3, 1903, not infringed, (D. C. S. D. N. Y.), 229 F. 168.
- 719,865 Seal for money bags, etc., T. I. Porter, Feb. 3, 1903, void, (C. C. A. 2nd Cir.), 235 F. 289.
- 719,942 Apparatus for screening, washing and assorting ore, F. Hermann, Feb. 3, 1903, claim 4 not infringed, (C. C. A. 8th Cir.), 160 F. 91.
- 720,008 Weighing and packaging machine, W. H. Doble, Feb. 10, 1903, does not infringe claims 1, 3, 5, 6 and 7 of 766,004, (C. C. A. 1st Cir.), 200 F. 573.
- 720,605 System of electrical distribution, J. F. McElroy, Feb. 17, 1903, not infringed, (D. C. W. D. N. Y.), 237 F. 646.
- 720,616 Separable button, E. Pringle, Feb. 17, 1903, claims 1 and 3 valid, infringed, (C. C. S. D. N. Y.), 154 F. 671; not infringed, (C. C. A. 2nd Cir.), 160 F. 943.
- 721,041 Printing apparatus, R. Herman, Feb. 17, 1903, claims 32 and 33 invalid, (C. C. A. 6th Cir.), 191 F. 579.
- 721,229 Regulation of electric motors, O. H. & A. F. Pieper, Feb. 24, 1903, void, (C. C. S. D. N. Y.), 156 F. 672; (C. C. A. 2nd Cir.), 160 F. 930.
- 721,276 Typographic numbering machine, E. G. Bates, Feb. 24, 1903, not infringed, (C. C. A. 2nd Cir.), 152 F. 634.
- 721,549 Fountain pen, A. Eberstein, Feb. 24, 1903, not infringed, (C. C. D. Md.), 175 F. 976.
- 721,644 Railroad tie-plate, B. Wolhaupter, Feb. 24, 1903, claims 7 and 9 not infringed, (C. C. N. D. Ill., E. D.), 193 F. 418; claims 7 and 9 void, (C. C. A. 6th Cir.), 213 F. 789; claims 7 and 9 valid and infringed, (C. C. A. 7th Cir.), 222 F. 261.

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- 721,774** Cluster of electric lights, R. B. Benjamin, Mar. 3, 1903, valid, claim 32 void, claims 5 and 7 infringed, (C. C. A. 2nd Cir.), 158 F. 617.
- 721,777** Cluster of electric lights, R. B. Benjamin, Mar. 3, 1903, valid, claims 5 and 13 void, (C. C. A. 2nd Cir.), 158 F. 617.
- 721,987** Hame and trace connector, C. L. Wiedrich, Mar. 3, 1903, void, (C. C. A. 6th Cir.), 227 F. 876.
- 722,018** Handling-horse for shoe uppers, M. A. Hayward, March 3, 1903, void, (C. C. A. 1st Cir.), 187 F. 128.
- 722,030** Electric meter, C. H. Mertz, Mar. 3, 1903, valid and infringed, (D. C. N. D. Ohio, E. D.), 203 F. 280.
- 722,212** Current controlling device for telephone circuits, W. W. Dean, Mar. 10, 1903, not infringed by 818,897, (C. C. N. D. Ohio, E. D.), 168 F. 549; claims 4 and 11 to 14, valid, not infringed by 818,897, (C. C. A. 6th Cir.), 182 F. 991.
- 722,392** Roof for mausoleums, C. E. Tayntor, Mar. 10, 1903, void, (C. C. S. D. N. Y.), 171 F. 108; claim 2 void, (C. C. A. 2nd Cir.), 183 F. 130.
- 722,512** Egg carrier, H. S. Jenne, Mar. 10, 1903, claims 2 and 6 not infringed, (D. C. W. D. N. Y.), 197 F. 764; claims 2 and 6 valid and infringed, (C. C. A. 2nd Cir.), 203 F. 705.
- 722,527** Electric controller, F. A. Merrick, Mar. 10, 1903, complainant's testimony commenced Aug. 1, 1905, not yet completed, (No. 1902, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.
- 722,613** Hoisting apparatus, A. E. Norris, Mar. 10, 1903, not invalid on face, (D. C. M. D. Pa.), 196 F. 789; void, (D. C. M. D. Pa.), 215 F. 731; valid and infringed, (C. C. A. 3rd Cir.), 225 F. 489.
- 722,724** Recoil brake for guns, O. Lauber, Mar. 17, 1903, decree (32 App. D. C. 1), reversed, (U. S. Sup. Ct.), 224 U. S. 290.
- 722,725** Gun with barrel recoil having recuperator spring, O. Lauber, Mar. 17, 1903, decree (32 App. D. C. 1), reversed, (U. S. Sup. Ct.), 224 U. S. 290.

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- 723,139** Method of ornamenting glass, J. M. Conroy, Mar. 17, 1903, void, (C. C. W. D. Pa.), 155 F. 421; (C. C. A. 3rd Cir.), 159 F. 943; see Reissue 12,789.
- 723,299** Armor for pneumatic tires, H. Parsons, Mar. 24, 1903, validity doubtful, preliminary injunction denied, (C. C. D. N. H.), 164 F. 617; valid and infringed, (C. C. N. D. Ill., E. D.), 179 F. 232; valid and infringed, preliminary injunction granted, (C. C. S. D. N. Y.), 190 F. 333; valid and infringed, (C. C. A. 7th Cir.), 192 F. 35; infringed, (C. C. A. 7th Cir.), 192 F. 41; preliminary injunction granted, (C. C. S. D. N. Y.), 192 F. 46; motion in re printed copies of complainants' record denied, (C. C. S. D. N. Y.), 192 F. 47; held valid and infringed on motion for preliminary injunction, (D. C. S. D. N. Y.), 194 F. 448; on motion for preliminary injunction, held infringed if validity conceded, (C. C. N. D. Ohio, E. D.), 196 F. 213; same, (D. C. S. D. N. Y.), 196 F. 215; on motion for preliminary injunction, defendant held chargeable with contributory infringement, (D. C. W. D. N. Y.), 196 F. 218; motion to dismiss an appeal from an order continuing and refusing to dissolve a preliminary injunction granted, (C. C. A. 6th Cir.), 196 F. 951; valid and infringed, (C. C. A. 2nd Cir.), 198 F. 399; decree granting preliminary injunction affirmed, (C. C. A. 7th Cir.), 203 F. 862; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 227; claim 6 valid and infringed, (C. C. A. 6th Cir.), 215 F. 921; infringed by 1,096,101, (C. C. A. 7th Cir.), 230 F. 637.
- 723,307** Tunnel construction, J. W. Reno, Mar. 24, 1903, not infringed, (C. C. A. 2nd Cir.), 207 F. 561.
- 723,379** Belting, L. H. Gilmer, March 24, 1903, claim 7 construed and held not infringed by 726,670, (C. C. E. D. Pa.), 187 F. 606.
- 723,662** See Reissue 12,653.
- 725,279** Bolt anchor, S. S. Newton, Apr. 14, 1903, void, (C. C. A. 2nd Cir.), 233 F. 1003.
- 725,325** Furniture caster, A. B. Diss, Apr. 14, 1903, claim 2 valid, infringed, (C. C. D. Conn.), 165 F. 344.

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- 725,349 Pulp beating engine, F. J. Marshall, Apr. 14, 1903, decree (203 Mass. 410) affirmed, (U. S. Sup. Ct.), 223 U. S. 473.
- 726,268 Pile driver, F. A. Von Eberstein, April 28, 1903, void, if valid, not infringed, (C. C. S. D. Ga., E. D.), 166 F. 463.
- 726,293 Process of exhausting air from incandescent lamp bulbs, J. W. Howell, Apr. 28, 1903, claims 1 and 2, not infringed, (C. C. S. D. N. Y.), 170 F. 189; claims 1 and 2 valid and infringed, (C. C. A. 2nd Cir.), 174 F. 996; valid and infringed, (C. C. D. N. J.), 174 F. 1013.
- 726,391 Means for varying delta connected voltages, A. H. Armstrong et al., April 28, 1903, claim 1 valid and infringed, (C. C. D. N. J.), 190 F. 145; bill dismissed by stipulation, (C. C. D. Ind.), General Electric Co. v. Kuhlman Electric Co., not reported; valid and infringed, (C. C. A. 3rd Cir.), 194 F. 414.
- 726,625 Well tube apparatus, J. J. Brinkman, April 28, 1903, held to not infringe claim 1 of 650,318 or claim 1 of 686,691, (C. C. A. 9th Cir.), 156 F. 962.
- 726,670 Method of joining the ends of woven belts, O. E. Geisel, April 28, 1903, does not infringe claim 7 of 723,379, (C. C. E. D. Pa.), 187 F. 606.
- 726,817 Spring cushion structure, F. P. D'Arcy, Apr. 28, 1903, claim 3 void, (C. C. A. 6th Cir.), 194 F. 686; claims 1 and 2 void, (C. C. A. 6th Cir.), 213 F. 483.
- 727,034 Pyrographic tool, Z. N. Tyssowska, May 5, 1903, claim 3 void, if valid not infringed, (C. C. N. D. Ill., E. D.), 159 F. 165; void, anticipated by 615,784, (C. C. A. 7th Cir.), 174 F. 43.
- 727,173 Mask, G. L. Merrell, May 5, 1903, claims 1 and 5 not infringed, (C. C. S. D. N. Y.), 153 F. 762; claims 1 and 5 void, (C. C. A. 2nd Cir.), 159 F. 142.
- 727,233 Protecting bar for concrete work, H. H. Wainwright, May 5, 1903, void, (C. C. E. D. La.), 155 F. 279; motion for preliminary injunction denied, (D. C. E. D. Pa.), 209 F. 874.
- 727,313 Folding machine for shoe uppers, Drake and Folsom, May 5, 1903, claim 4 not infringed, (C. C. A. 1st Cir.), 236 F. 234.

TABLE I—CHRONOLOGICAL LIST.

- 727,331 See Reissue 12,115.
- 727,505 Street pavement, F. J. Warren, May 5, 1903, claims 5, 6, 9 and 11 valid, infringed, (C. C. A. 6th Cir.), 166 F. 309; held valid on motion for preliminary injunction, (C. C. M. D. Alabama, N. D.), 172 F. 414; order granting preliminary injunction affirmed, (C. C. A. 2d Cir.), 187 F. 831; order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 196 F. 892; decree enjoining defendants from carrying out contract, (D. C. W. D. Mich. S. D.), 216 F. 364; valid and infringed, (D. C. E. D. Pa.), 234 F. 657.
- 727,597 Watering device, J. M. Day, May 12, 1903, valid and infringed, (D. C. W. D. Wash. N. D.), 234 F. 661; valid and infringed, (D. C. W. D. Wash. N. D.), 235 F. 171.
- 727,905 Can opener, N. Cleveland, May 12, 1903, not infringed, (C. C. M. D. Pa.), 159 F. 480; (C. C. A. 2nd Cir.), 159 F. 707.
- 728,049 Car coupler, C. A. Tower, May 12, 1903, held valid and claim 11 infringed, (C. C. N. J.), 182 F. 626.
- 728,182 Car coupler, C. A. Tower, May 12, 1903, held valid as to the combinations shown, claims 9 and 10 invalid for lack of invention; claim 8 held infringed, (C. C. N. J.), 182 F. 626.
- 728,577 Computing scale, J. Hotsapillar, May 19, 1903, void, (C. C. A. Nth Cir.), 195 F. 508.
- 728,982 Printing machine, M. Rosenfeld, May 26, 1903, judgment of lower court in action at law reversed, (C. C. A. 2nd Cir.), 204 F. 282.
- 729,219 Dynamo, H. G. Reist, May 26, 1903, complainant's prima facie proofs closed Feb. 28, 1907, awaiting defendant's testimony, (D. N. J.), General Electric Co. v. Allis-Chalmers Co. and Bullock Co., not reported.
- 729,280 Electrically operated system for closing watertight doors, etc., W. B. Cowles, May 26, 1903, motion for preliminary injunction denied, (C. C. D. N. J.), 207 F. 955.
- 729,477 Loom heddle-frame, R. G. Wirtalla, May 26, 1903, void, (D. C. D. N. J.), 235 F. 306.

TABLE I—CHRONOLOGICAL LIST.

- 729,870** Counterbalance for centrifugal pumps, B. Jackson, June 2, 1903, valid and infringed, (C. C. N. D. Cal.), 197 F. 44.
- 730,169** Gramophone needle box, H. Sheble, June 2, 1903, void, (D. C. S. D. N. Y.), 234 F. 344.
- 730,176** Glandular extractive product, ("Adrenalin"), J. Takamine, June 2, 1903, claims 1, 2, 6, 9, and 11 to 15 valid and infringed, other claims construed, (C. C. S. D. N. Y.), 189 F. 95; claims 1, 2, 9, 11, 12 and 14 valid and infringed, claims 6, 13 and 15 not passed upon, (C. C. A. 2nd Cir.), 196 F. 496.
- 730,412** See Reissue 12,297.
- 730,647** Fish trap, Haynie & Hall, June 9, 1903, claim 6 void, (C. C. A. 4th Cir.), 193 F. 1020.
- 730,870** Magazine fire-arm, J. M. Browning, June 16, 1903, claims 37, 38 and 39 void, (C. C. S. D. N. Y.), 164 F. 197; claims 37, 38 and 39 void, (C. C. A. 2nd Cir.), 174 F. 151.
- 731,218** Carbureter, O. B. Perkins, June 16, 1903, valid but not infringed, (D. C. N. D. Ill., E. D.), 204 F. 462; (C. C. A. 7th Cir.), 212 F. 413.
- 731,539** Manure spreader, Theophilus Brown, June 23, 1903, does not infringe No. 632,124, (C. C., D. Mass.), 172 F. 436.
- 731,667** Machine for ornamenting glass, J. M. Conroy, June 23, 1903, not infringed, (C. C. W. D. Pa.), 155 F. 425; (C. C. A. 3rd Cir.), 159 F. 943.
- 731,695** Sewing machine, J. G. Lewis, June 23, 1903, claims 1, 3, 11 to 17, 21 and 22 void, claims 2, 4, 18, 19 and 20 valid, infringed, (C. C. A. 8th Cir.), 163 F. 950.
- 731,696** Sewing machine, J. G. Lewis, June 23, 1903, claims 1 and 2 not infringed, (C. C. A. 8th Cir.), 163 F. 950.
- 732,357** Water-purifier, Cass L. Kennicott, June 30, 1903, decree dismissing bill for injunction affirmed, (C. C. A. 7th Cir.), 185 F. 520.
- 733,288** Removable piles for forming concrete piling, F. Shuman, July 7, 1903, claims 5 and 9 valid and infringed, (D. C. D. Del.), 227 F. 107; void, (C. C. A. 3rd Cir.), 230 F. 648.

TABLE I—CHRONOLOGICAL LIST.

- 733,564 Electric controller, A. Sundh, July 14, 1903, claims 1, 2, 3, 17 and 18 void, (C. C. A. 2nd Cir.), 198 F. 94; claims 1, 2, 3, 17 and 18 valid and infringed, (C. C. S. D. N. Y.), 222 F. 334.
- 733,646 Sprinkler head for automatic fire extinguisher, G. E. Hibbard, July 14, 1903, decree for complainant reversed in part, (C. C. A. 7th Cir.), 179 F. 844.
- 733,960 Pneumatic drill, G. H. Hayes, July 21, 1903, awarded priority in interference on reissue application, 37 App. D. C. 169.
- 733,962 Automatic fire extinguisher, G. E. Hibbard, July 21, 1903, decree for complainant reversed in part, (C. C. A. 7th Cir.), 179 F. 844.
- 734,161 Upsetting machine for plowshares, W. A. Clark, July 21, 1903, claim 1 void for public use, (C. C. A. 7th Cir.), 179 F. 856.
- 734,467 Sieve, B. F. Martien, July 21, 1903, claims 1, 2 and 6 void, claims 3, 4 and 5 valid and infringed, (D. C. D. Minn. 4th Div.), 216 F. 937.
- 734,796 See Reissue 12,246.
- 734,833 Underreamer for use in drilling oil and gas wells, E. Double, July 28, 1903, claims 1, 2, 6, 7 and 8 valid and infringed, (D. C. S. D. Cal. S. D.), 237 F. 837.
- 734,907 Book-trimming machine, Lovell & Williamson, July 28, 1903, claim 11 not infringed, (C. C. S. D. N. Y.), 159 F. 736; claim 11, not infringed, (C. C. A. 2nd Cir.), 169 F. 288.
- 735,366 Clothes drier, A. T. Hagen & D. M. Cooper, Aug. 4, 1903, claims 6, 7 and 10 valid and infringed, (C. C., N. D. N. Y.), 171 F. 878; valid and infringed, (C. C. A. 2nd Cir.), 174 F. 415.
- 735,469 Gauge for punching presses, T. Conley, Aug. 4, 1903, not infringed, (C. C. D. N. J.), 175 F. 79; claim 2 not infringed, (C. C. A. 3d Cir.), 187 F. 137.
- 735,589 Impact-tool, C. B. Richards, Aug. 4, 1903, does not infringe claims 1 to 9 of 667,863, (C. C. A. 6th Cir.), 185 F. 808.

TABLE I—CHRONOLOGICAL LIST.

- 735,893 Control of electric motors, F. A. Merrick, Aug. 11, 1903, defendant's proofs closed Sept. 1, 1908, no testimony taken as yet by complainant in rebuttal, (No. 1911, N. D. Ohio), Westinghouse Co. v. Toledo etc. Co., not reported.
- 735,938 See Reissue 12,578.
- 735,949 Machine for chipping edges of glass articles, J. M. Conroy, Aug. 11, 1903, claims 1, 4, 5, 6 and 7 valid, infringed, (C. C. W. D. Pa.), 155 F. 421; valid, claim 1 infringed, (C. C. A. 3rd Cir.), 159 F. 943.
- 736,134 Nozzle, T. M. Murphy, Aug. 11, 1903, decree granting preliminary injunction reversed, (C. C. A. 8th Cir.), 161 F. 725.
- 736,135 Street washer, T.M.Murphy, Aug. 11, 1903, decree granting preliminary injunction reversed, (C. C. A. 8th Cir.); 161 F. 725; valid but not infringed, (C. C. A. 8th Cir.), 178 F. 923.
- 736,327 Locking device for pedestal tables, C. Wilhelm, Aug. 11, 1903, not infringed, (C. C. A. 6th Cir.), 152 F. 183.
- 736,461 Electric motor and brake, Alfred A. Thresher, Aug. 18, 1903, awarded priority in interference, 28 App. D. C. 22.
- 736,668 Box filling machine, W. H. Wyman, Aug. 18, 1903, held to not infringe 538,535, (C. C. A. 8th Cir.), 162 F. 148.
- 736,673 Paper bag machine, P. L. Bartholomew, Aug. 18, 1903, does not infringe 578,550, (C. C. A. 6th Cir.), 194 F. 126.
- 736,812 Solder, R. Bormann, Aug. 18, 1903, claim 1 valid and infringed, (D. C. W. D. Pa.), 212 F. 184; decree (212 F. 184) affirmed, (C. C. A. 3rd Cir.), 222 F. 1023.
- 736,816 Train control system, F. E. Case, Aug. 18, 1903, claims 37 and 38 void, (C. C. A. 2nd Cir.), 231 F. 725.
- 736,834 Pipe bending machine, Christopher Flinn, Aug. 18, 1903, void, (C. C., W. D. Pa.), 171 F. 672; valid, (C. C. A. 3rd Cir.), 177 F. 931.
- 736,999 Chain driving gear, E. F. Morse, Aug. 25, 1903, claims 1, 2, 6 and 7 not infringed, (C. C. A. 7th Cir.), 164 F. 331; see Reissue 12,912.
- 737,179 Screw driver, W. S. Ward, Aug. 25, 1903, not infringed, (D. C. D. Conn.), 235 F. 160.

TABLE I—CHRONOLOGICAL LIST.

- 737,327 Eyeglasses, H. E. Bonschur, Aug. 25, 1903, not infringed, (C. C. A. 2nd Cir.), 200 F. 589.
- 737,375 Amusement apparatus, C. C. Eggers, Aug. 25, 1903, void, (C. C. S. D. N. Y.), 161 F. 915.
- 737,796 Flushing apparatus for water closets, J. A. Vogel, Sept. 1, 1903, claim 4 valid but not infringed, (D. C. D. Md.), 220 F. 939.
- 737,916 Mattress, C. A. Fisher, Sep. 1, 1903, valid, infringed, (C. C. A. 7th Cir.), 165 F. 191.
- 738,295 Apparatus for making sealing rings, W. P. Coldren, Sept. 8, 1903, claim 1 invalid, (C. C. D. N. J.), 175 F. 361.
- 738,434 Amusement apparatus, C. L. Hagen, Sep. 8, 1903, not infringed, (C. C. S. D. N. Y.), 166 F. 326.
- 738,688 Floor box for electric conductors, H. Krantz, Sept. 8, 1903, valid and infringed, judgment by default, (at law, C. C. S. D. N. Y.), Krantz Mfg. Co. v. Russell & Stoll Co., for plaintiff F. Warren Wright, no appearance for dft., not reported; motion to set aside verdict denied, (D. C. S. D. N. Y.), 210 F. 169; (C. C. A. 2nd Cir.), 218 F. 642; order refusing preliminary injunction affirmed, (C. C. A. 2nd Cir.), 223 F. 544.
- 738,885 Process for making lipped sealing rings, W. P. Coldren, Sept. 15, 1903, claim 1 invalid, (C. C. D. N. J.), 175 F. 361.
- 739,268 Process of making concrete piles, F. Shuman, Sept. 15, 1903, claims 1, 3, 9 and 10 valid and infringed, (D. C. D. Del.), 227 F. 107; void, (C. C. A. 3rd Cir.), 230 F. 648.
- 739,318 Sound record, E. R. Johnson, Sep. 22, 1903, valid on demurrer, (C. C. N. D. N. Y.), 165 F. 931.
- 739,824 Bunion protector, J. Bronnen-Kant, Sept. 29, 1903, valid and infringed, (D. C. E. D. Wis.), 199 F. 779.
- 739,996 Linotype mechanism, P. T. Dodge, Sept. 29, 1903, claims 1, 2 and 3 infringed, (D. C. S. D. N. Y.), 229 F. 168; claims 1, 2 and 3 infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 740,868 Washing machine, J. D. A. Johnson, Oct. 6, 1903, held to not infringe 608,220, (C. C. A. 8th Cir.), 159 F. 726.

TABLE I—CHRONOLOGICAL LIST.

- 740,982** Mechanism for driving dynamos on car trucks, P. Kennedy, Oct. 6, 1903, valid, injunction issued, (C. C. N. D. Ill., E. D.), 153 F. 193; void, (C. C. A. 7th Cir.), 161 F. 343.
- 741,010** Vault-light construction, W. L. Caldwell, Oct. 13, 1903, not infringed, (C. C. E. D. Pa.), 175 F. 113; not infringed, (C. C. A. 3rd Cir.), 181 F. 691.
- 741,385** Steam turbine, E. C. Terry, Oct. 13, 1903, motion for leave to file supplemental answer denied, (D. C. D. Mass.), 204 F. 103; claims 1 and 5 infringed by 944,839 and 1,042,871, and claim 3 not infringed, (D. C. D. Mass.), 222 F. 297; claims 1 and 5 infringed by 944,839 and 1,042,871 and claim 3 not infringed, (C. C. A. 1st Cir.), 231 F. 162.
- 742,031** Electrical controlling apparatus, J. D. Ihlder, Oct. 20, 1903, claim 3 valid and infringed, (C. C. A. 2nd Cir.), 222 F. 501.
- 742,540** See Reissue 12,300.
- 742,667** See Reissue 12,732.
- 743,049** Alarm valve and system, E. L. Thompson, Nov. 3, 1903, suit to enforce contract, (D. C. E. D. N. Y.), 197 F. 750.
- 743,114** Temporary binder, E. A. Trussell, Nov. 3, 1903, not infringed by 782,986, (C. C. S. D. N. Y.), 159 F. 472; claims 1 to 6 not infringed, (C. C. A. 2nd Cir.), 166 F. 437.
- 743,152** Knitting machine needle, A. Currier, Nov. 3, 1903, not infringed, (C. C. E. D. Pa.), 153 F. 186; (C. C. A. 3rd Cir.), 159 F. 715.
- 743,160** Printing apparatus, R. Herman, Nov. 3, 1903, claim 7 not infringed, (C. C. A. 6th Cir.), 191 F. 579.
- 743,206** Incandescent electric lamp socket, A. Weber, Nov. 3, 1903, claims 1-4 valid and infringed, (D. C. S. D. N. Y.); 204 F. 79; valid and infringed, (C. C. A. 2nd Cir.), 212 F. 948; claims 1 to 4 valid and infringed, (D. C. D. Mass.), 226 F. 481; claim 4 valid and infringed, (D. C. D. N. J.), 226 F. 482.
- 743,231** Stocking, G. Blood, Jr., Nov. 3, 1903, claims 3 and 4 void, (C. C. E. D. Pa.), 159 F. 494; (C. C. A. 3rd Cir.), 165 F. 902.

TABLE I—CHRONOLOGICAL LIST.

- 743,608** Polishing machine, Charles S. Yarnell, Nov. 10, 1903, claim 7, valid and infringed, (C. C. W. D. N. Y.), 192 F. 122; claim 7 valid and infringed, (C. C. A. 2nd Cir.), 198 F. 90.
- 743,995** See Reissue 12,399.
- 744,015** Hand-hole cover, Kennedy Park, Nov. 10, 1903, void, (C. C. A. 6th Cir.), 170 F. 81.
- 744,107** Slicer, E. S. Regnier, Nov. 17, 1903, void, rehearing denied, (C. C. A. 7th Cir.), 188 F. 68.
- 744,196** Combined mop and wringer, Edward Hilker, Nov. 17, 1903, claim 1 void, anticipated by 716,417, (C. C. A. 6th Cir.), 191 F. 613.
- 744,369** Loose-leaf binder, A. Lawson, Nov. 17, 1903, void, (D. C. S. D. N. Y.), 220 F. 345.
- 744,773** Alternating current electromagnet, D.L.Lindquist, Nov. 24, 1903, claims 1, 2, 3 and 4 valid and infringed, (D. C. N. D. N. Y.), 198 F. 116; (C. C. A. 2nd Cir.), 204 F. 277; valid and infringed, (D. C. N. D. N. Y.), 217 F. 583; infringed by certain structures and not by others, (D. C. N. D. N. Y.), 235 F. 708.
- 745,157** Starter for motor cars, C. J. Coleman, Nov. 24, 1903, claims 3, 7, 12, 17, and 20 valid and infringed, (D. C. S. D. N. Y.), 220 F. 927; claims 3, 7, 9, 12, 17, 18 and 20 valid and infringed, (C. C. A. 2nd Cir.), 229 F. 719.
- 745,571** See Reissue 12,352.
- 745,625** Feeding device for grass twine machine, T. W. Jerrems, Dec. 1, 1903, claim 1 valid but not infringed, (D. C. E. D. Wis.), 194 F. 878; (C. C. A. 7th Cir.), 213 F.798.
- 745,683** Air-pump governor, S. B. Stewart, Dec. 1, 1903, claims 3 and 5 void, (C. C. D. N. J.), 190 F. 165.
- 746,157** Account book, J. H. Rand, Dec. 8, 1903, void, (C. C. D. Conn.), 165 F. 348; void, (C. C. A. 2nd Cir.), 176 F. 358.
- 746,355** Wall register, L. J. Mueller, Dec. 8, 1903, valid, infringed, (C. C. E. D. Wis.), 166 F. 917.
- 746,678** Undressed lumber and process of preserving same, G. C. Cowles, Dec. 15, 1903, void, (C. C. A. 6th Cir.), 178 F. 927.

TABLE I—CHRONOLOGICAL LIST.

- 746,853** Sewing machine, J. G. Lewis, Dec. 15, 1903, claim 2 infringed, claims 8 and 9 not infringed, (C. C. A. 8th Cir.), 163 F. 950.
- 746,931** Stencil-duplicating machine, A. B. Dick, Dec. 15, 1903, infringed, (C. C. S. D. N. Y.), 149 F. 424.
- 747,278** Tank-car and metallic-car construction, C. Vanderbilt, Dec. 15, 1903, claims 1, 3, 12 to 15 and 18 to 20 void, and not infringed if conceded invention, (C. C. D. N. J.), 190 F. 588.
- 747,279** Tank car and metallic-car construction, C. Vanderbilt, Dec. 15, 1903, withdrawal of charge of infringement noted, (C. C. D. N. J.), 190 F. 588.
- 747,329** Baffle wall brick, Kennedy Park, Dec. 15, 1903, void, (C. C. A. 6th Cir.), 170 F. 81.
- 747,585** Automatic firearm, John M. Browning, Dec. 22, 1903, claim 10 not infringed by 804,985, (C. C. A. 2d Cir.), 190 F. 563.
- 747,686** System of electrical regulation, J. L. Creveling, Dec. 22, 1903, claims 1 to 8 valid and infringed, (D. C. W. D. N. Y.), 222 F. 310; claims 1 to 8 valid and infringed, (C. C. A. 2nd Cir.), 223 F. 1023; preliminary injunction denied, (D. C. N. D. N. Y.), 230 F. 848; preliminary injunction denied, (D. C. W. D. N. Y.), 233 F. 1007; not infringed, (D. C. W. D. N. Y.), 237 F. 646.
- 747,874** Thill coupling, G. H. Fernald, Dec. 22, 1903, void, (C. C. N. D. N. Y.), 167 F. 559; decree of court below holding this patent void affirmed, (C. C. A. 2nd Cir.), 174 F. 1020.
- 747,963** Machine for sewing sweat-bands into hats, W. P. Gammons, Jr., Dec. 29, 1903, claim 4 valid and infringed by 1,138,669, (C. C. A. 2nd Cir.), 229 F. 726.
- 748,418** Floor-joints for water-closets, H. S. Renton, Dec. 29, 1903, void, (C. C. E. D. N. Y.), 175 F. 96.
- 748,553** Instep support, J. W. Arrowsmith, Dec. 29, 1903, claims 3 and 4 void, (C. C. W. D. N. Y.), 158 F. 307; claim 3 void, (C. C. A. 2nd Cir.), 166 F. 118.

TABLE I—CHRONOLOGICAL LIST.

1904

- 748,595 Method of waterproofing the surface of porous materials, N. Farnham, Jan. 5, 1904, verdict for plaintiff and appeal dismissed for lack of prosecution, (at law, C. C. E. D. N. Y.), Farnham Sand Blast Co. v. Greenwood Cemetery, for plaintiff, F. Warren Wright, for dft. Seabury C. Mastick and Wise & Lichtenstein, not reported.
- 749,271 Electric motor control, S. T. Dodd, Jan. 12, 1904, defendant's proofs closed May 4, 1910, no proofs taken as yet in rebuttal by complainant, (No. 1913, N.D.Ohio), Stanley Electric & Mfg. Co. v. Toledo etc. Co., not reported.
- 749,272 Electric motor control, S. T. Dodd, Jan. 12, 1904, defendant's proofs closed May 4, 1910, no proofs taken as yet in rebuttal by complainant, (No. 1913, N.D.Ohio), Stanley Electric & Mfg. Co. v. Toledo etc. Co., not reported.
- 749,539 See Reissue 12,290.
- 749,983 Stencil-duplicating machine, A. B. Dick, Jan. 19, 1904, infringed, (C. C., S. D. N. Y.), 149 F. 424.
- 750,234 Skirt, Smith & Malnight, Jan. 19, 1904, the claim not void on its face on demurrer and plea, (C. C. W. D. Mich., S. D.), 190 F. 197; void, (C. C. A. 6th Cir.), 225 F. 531.
- 750,744 Portable drill, J. F. Willey, Jan. 26, 1904, claim 2 valid but not infringed, (D. C. N. D. Ill. E. D.), 217 F. 252.
- 751,722 See Reissue 12,460.
- 752,048 Electric meter, T. Duncan, Feb. 16, 1904, held to not infringe claims 3, 6 and 7 of 604,465, (C. C. A. 7th Cir.), 163 F. 839.
- 752,474 Spoil pipe for dredgers, E. Semple, Feb. 16, 1904, not infringed, (C. C. A. 9th Cir.), 177 F. 407.
- 752,487 Method of sprinkling streets, L. S. Van Westrum, Feb. 16, 1904, void, (C. C. N. D. Ill., E. D.), 164 F. 989; decree below dismissing bill reversed, (C. C. A. 7th Cir.), 174 F. 144.
- 752,729 Window strip, C. Vose, Feb. 23, 1904, bill dismissed, (D. C. E. D. N. Y.), 216 F. 523.

TABLE I—CHRONOLOGICAL LIST.

- 752,903** Dredge for salt and pepper, O. K. Hogan, Feb. 23, 1904, held not void on demurrer, (C. C. A. 3rd Cir.), 154 F. 66; valid, infringed, (C. C. E. D. Pa.), 163 F. 289; (C. C. A. 3rd Cir.), 167 F. 327.
- 753,177** Glandular extractive compound, ("Adrenalin"), J. Takamine, Feb. 23, 1904, claims 1, 2, 5 and 6 valid and infringed, claims 3 and 4 void, (C. C. S. D. N. Y.), 189 F. 95; claims 5 and 6 valid and infringed, claims 1 and 2 not passed upon, (C. C. A. 2nd Cir.), 196 F. 496.
- 753,264** Hub guard for wheels, J. B. Howard, Mar. 1, 1904, claim 1 valid, infringed, (C. C. D. N. J.), 165 F. 211.
- 753,281** Rivet setting machine, A. T. Maenche, Mar. 1, 1904, claims 1, 2 and 5 not infringed by 1,128,852, (C. C. A. 1st Cir.), 236 F. 230.
- 753,577** See Reissue 12,263.
- 754,242** Folding typewriter, F. S. Rose, Mar. 8, 1904, valid and infringed, (C. C. A. 2nd Cir.), 181 F. 500; claims 1 and 5 void, (C. C. A. 2nd Cir.), 223 F. 779.
- 754,404** Window shade holder, J. W. Paterson, Mar. 8, 1904, invalid as against 676,557, (C. C. N. D. Ill. E. D.), 174 F. 45; not infringed by 676,557, (C. C. A. 7th Cir.), 178 F. 95.
- 754,807** Tunnel construction, J. W. Reno, Mar. 15, 1904, not infringed, (C. C. A. 2nd Cir.), 207 F. 561.
- 755,074** See Reissue 12,611.
- 755,110** Knotting machine, H. D. Coleman, Mar. 22, 1904, valid and infringed, (D. C. E. D. N. C.), 200 F. 59; (C. C. A. 4th Cir.), 205 F. 904; claims 2, 9 and 18 valid and infringed, (D. C. D. Mass.), 216 F. 911.
- 755,187** Dies, G. S. Tiffany, March 22, 1904, not void on its face on demurrer, (C. C. E. D. Mich. S. D.), 190 F. 195; void, (D. C. E. D. Wis.), 215 F. 727; void, (C. C. A. 6th Cir.), 223 F. 342.
- 756,151** Miner's lamp, John Anton, March 29, 1904, claim 2 void, (C. C. A. 3d Cir.), 185 F. 796.
- 756,953** Machine for intimately mixing milk, A. Gaulin, Apr. 12, 1904, valid and infringed, (D. C. D. Conn.), 203 F. 516; valid and infringed, (D. C. D. Conn.), 238 F. 210.
- 757,441** Cluster socket for electric lights, John H. Dale, Apr. 19, 1904, denied priority in interference, 30 App. D.C. 498.

TABLE I—CHRONOLOGICAL LIST.

- 757,537** Method of signaling for electric railways, S. M. Young, Apr. 19, 1904, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.
- 757,754** Railway rail stay, Laas & Sponenburg, Apr. 19, 1904, decree (145 F. 195) affirmed, (C. C. A. 7th Cir.), 150 F. 764; void, priority awarded to J. M. Scott in interference under sec. 4915 R. S., (C. C. E. D. Wis.), 161 F. 122.
- 757,762** Drive chain, E. F. Morse, April 19, 1904, claims 1, 2, 9, 10 and 11 not infringed, (C. C. A. 7th Cir.), 164 F. 331; see Reissue 12,844.
- 757,853** Electric switch, G. H. Wittingham, Apr. 19, 1904, not infringed, (C. C. D. Md.), 180 F. 983.
- 758,099** Hose-joiner, F. H. Paradice, Apr. 26, 1904, valid and infringed, (C. C. A. 7th Cir.), 224 F. 712.
- 758,128** Mail chute, J. W. Cutler, Apr. 26, 1904, plea sustained, (C. C. E. D. Mo., E. D.), 168 F. 931; judgment for plaintiff as to claims 1 to 7, 10, 15, 17, 18, 21, 27 and 54, (C. C. E. D. Mo., E. D., Jan. 22, 1910; interlocutory decree made final in March, 1911), Cutler v. U. S. Mail Chute Equipment Co., not reported.
- 758,340** Savings bank, R. J. Thompson, Apr. 26, 1904, claim 4 valid but not infringed, (D. C. N. D. Ill., E. D.), 224 F. 506 and 512; claim 4 not infringed, (D. C. W. D. Wis.), 224 F. 513; preliminary injunction denied, (D. C. S. D. N. Y.), 226 F. 788.
- 758,381** Fountain lettering pen, O. Payzant, Apr. 26, 1904, claim 2 valid and infringed, (C. C. A. 2nd Cir.), 232 F. 729.
- 758,574** Oil press mat, R. F. Werk, Apr. 26, 1904, not infringed, (D. C. E. D. Pa.), 221 F. 644; apparently void, but decree deferred, (C. C. A. 3rd Cir.), 231 F. 121.
- 758,575** Oil press mat, R. F. Werk, Apr. 26, 1904, not infringed, (D. C. E. D. Pa.), 221 F. 644; apparently void, but decree deferred, (C. C. A. 3rd Cir.), 231 F. 121.
- 758,753** Combined mop and wringer, Edward Hilker, May 3, 1904, claim 1 void, anticipated by 716,417, (C. C. A. 6th Cir.), 191 F. 613.
- 758,937** Hosiery singeing machine, M. Sarfert, May 3, 1904, void, (C. C. E. D. Pa.), 181 F. 518; void, (C. C. A. 3rd Cir.), 194 F. 113.

TABLE I—CHRONOLOGICAL LIST.

- 758,959 Sling for sugar cane, O. Crosby, May 3, 1904, claim 1 valid and infringed, (D. C. N. D. Ga. W. D.), 216 F. 785.
- 759,037 See Reissue 13,033.
- 759,371 Coat-collar, Harry Hoffman, May 10, 1904, license to use trade-mark as incident to license to make and sell under the patent, (C. C. N. D. Ill., E. D.), 183 F. 597.
- 759,388 Caisson, D. E. Moran, May 10, 1904, demurrer to bill, (C. C. S. D. N. Y.), 171 F. 425; claims 1 and 6 valid and infringed, (C. C. A. 2nd Cir.), 228 F. 515.
- 759,389 Caisson, D. E. Moran, May 10, 1904, demurrer to bill, (C. C. S. D. N. Y.), 171 F. 425; claims 2, 4, 7 and 9 valid and infringed, claim 6 not infringed, (C. C. A. 2nd Cir.), 228 F. 515.
- 759,472 Thermostat, A. Roesch, May 10, 1904, valid, (C. C. N. D. Ill., E. D.), 164 F. 191.
- 759,501 Linotype mechanism, Cooney and Totten, May 10, 1904, claim 11 void, (D. C. S. D. N. Y.), 229 F. 168; claim 11 void, (C. C. A. 2nd Cir.), 229 F. 407.
- 759,711 Smoke consumer, F. C. Heim, May 10, 1904, void, (C. C. A. 8th Cir.), 222 F. 914.
- 759,727 Fastener for sheet metal casket, J. Maxwell, May 10, 1904, not void on face, (D. C. N. D. N. Y.), 205 F. 515.
- 759,728 Sheet metal casket, J. Maxwell, May 10, 1904, not void on face, (D. C. N. D. N. Y.), 205 F. 515.
- 759,928 Circular knitting machine, Stafford & Holt, May 17, 1904, claims 2, and 5 to 9 valid, infringed, (C. C. N. D. N. Y.), 161 F. 113.
- 760,003 Regulator for elastic fluid turbines, Tore G. E. Lindmark, May 17, 1904, denied priority in interference, 31 App. D. C. 612.
- 760,189 Plant for feeding metallurgical furnaces, A. P. Gaines et al., May 17, 1904, not void on its face, (C. C. N. D. Ala. S. D.), 173 F. 303.
- 760,404 Locking device for card index rods, C. A. Weidner, May 17, 1904, held to not infringe 628,886, (C. C. A. 1st Cir.), 147 F. 246.
- 760,728 Vault-light construction, W. L. Caldwell, May 24, 1904, not infringed, (C. C. E. D. Pa.), 175 F. 113; not infringed, (C. C. A. 3rd Cir.), 181 F. 691.

TABLE I—CHRONOLOGICAL LIST.

- 761,409 Gas burner, E. Rudd, May 31, 1904, not infringed, (D. C. S. D. N. Y.), 200 F. 440; valid and infringed by 908,-236, (C. C. A. 2nd Cir.), 205 F. 372.
- 761,496 Signature gathering machine, C. A. Juengst, May 31, 1904, valid, not infringed, if construed broadly enough to include the alleged infringing structure invalid, (C. C., S. D. N. Y.), 171 F. 428; claim 1 valid and infringed; claim 19 invalid as a substantial duplication of claim 1; the remaining claims not infringed, (C. C. A. 2nd Cir.), 179 F. 374.
- 761,590 Golf ball, Eleazer Kempshall, May 31, 1904, denied priority in interference, 29 App. D. C. 181.
- 761,635 Wire paper clip, A. F. Kelley, May 31, 1904, void, (C. C. S. D. N. Y.), 147 F. 734.
- 762,232 Bicycle amusement apparatus, T. W. Eck, June 7, 1904, claims 1 and 7, void, (C. C. A. 2nd Cir.), 182 F. 211.
- 762,282 Fluid pressure brake apparatus, M. Corrington, June 14, 1904, valid and infringed, (C. C. S. D. N. Y.), 173 F. 69; claims 1 to 6 void, claims 7 to 14 not infringed, (C. C. A. 2nd Cir.), 178 F. 711.
- 762,370 Electric signaling system, S. M. Young, June 14, 1904, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.
- 762,561 Machine for making outer casings for double tube tires, Seiberling and Stevens, June 14, 1904, valid, claims 1, 2 and 14 infringed, (D. C. N. D. Ohio, E. D.), 234 F. 370.
- 762,851 See Reissue 12,733.
- 762,932 Pneumatic motor, R. A. Norling, June 21, 1904, denied priority in interference, 37 App. D. C. 169.
- 763,772 Wireless telegraph apparatus, G. Marconi, June 28, 1904, valid and infringed, (D. C. E. D. N. Y.), 213 F. 815; infringed on motion for preliminary injunction, (D. C. S. D. N. Y.), 225 F. 65; order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 225 F. 373; motion for preliminary injunction denied and motion to dismiss sustained subject to condition, (D. C. S. D. N. Y.), 227 F. 906; decree (227 F. 906) affirmed, (C. C. A. 2nd Cir.), 231 F. 1021.

TABLE I—CHRONOLOGICAL LIST.

- 763,778 Certificate of deposit, A. W. Moore, June 28, 1904, void, 50 Ct. of Cls. 120.
- 764,051 Garden hand plow, G. M. Hanger, July 5, 1904, not infringed by 853,961 and 878,774, (C. C. A. 4th Cir.), 237 F. 376.
- 764,227 Fountain pen, A. Eberstein, July 5, 1904, claims 1 and 2 not infringed by 969,198, (D. C. D. Mass.), 212 F. 187.
- 764,486 Filtering process, G. Moore, July 5, 1904, claims 4, 5 and 10 not infringed, (D. C. D. N. J.), 195 F. 530; claims 4 and 5 valid and infringed, (C. C. A. 3rd Cir.), 201 F. 532.
- 764,608 Alternating current electromagnet, D. L. Lindquist, July 12, 1904, claims 1, 2 and 3 valid and infringed, (D. C. N. D. N. Y.), 198 F. 116; (C. C. A. 2nd Cir.), 204 F. 277; valid and infringed, (D. C. N. D. N. Y.), 217 F. 583; infringed by certain structures and not by others, (D. C. N. D. N. Y.), 235 F. 708.
- 764,845 Tobacco stemming machine, J. G. Havens, July 12, 1904, claims 1, 2, 3, 4 and 6 not infringed, (D. C. D. Del.), 237 F. 822.
- 764,919 Fruit sorter, J. B. Crum, July 12, 1904, void, (D. C. S. D. Fla.), 236 F. 358.
- 765,240 Tune sheet attachment for player pianos, A. Hobart, July 19, 1904, claims 1 to 4 and 6 valid, infringed, (C. C. N. D. N. Y.), 162 F. 160; (C. C. A. 2nd Cir.), 168 F. 279; awarded priority in interference, 31 App. D. C. 286; exceptions overruled, (D. C. N. D. N. Y.), 197 F. 929.
- 765,406 Blue-printing apparatus, J. H. Wagenhorst, July 19, 1904, infringes claims 12 and 13 of 777,096, (C. C. A. 6th Cir.), 191 F. 579.
- 765,574 Overlay for half tone printing plates and method of making same, J. E. Gilbert, July 19, 1904, suit pending, (C. C. N. Y.), Gilbert, Harris & Co. v. Watyelhan & Apeyer; (C. C. Wis.), Gilbert, Harris & Co. v. Cantwell, not reported; void, (C. C. A. 2nd Cir.), 197 F. 315.
- 765,616 Shoe button fastening machine, M. S. Elliott, July 19, 1904, void, (D. C. N. D. Ill., E. D.), 224 F. 502; void, (C. C. A. 7th Cir.), 235 F. 896.

TABLE I—CHRONOLOGICAL LIST.

- 765,845 Metal weather-strip, Hugh E. Kenny, July 26, 1904, valid and infringed, (C. C. W. D. N. Y.), 186 F. 843.
- 766,004 Automatic weighing machine, E. G. Thomas, July 26, 1904, void, (C. C. D. Me.), 158 F. 415; valid, infringed, (C. C. A. 1st Cir.), 166 F. 288; infringed, (C. C. D. Me.), 193 F. 76; claims 1, 3, 5, 6 and 7 not infringed by 782,874 or 720,008, (C. C. A. 1st Cir.), 200 F. 573.
- 766,158 Ellipsograph, F. W. Starr, July 26, 1904, valid and infringed, (C. C. S. D. Ohio, W. D.), 194 F. 730; claims 9, 10, 12 and 13 void, (C. C. A. 6th Cir.), 203 F. 264.
- 766,595 Device for forming ornamental structures, L. B. Christopherson, Aug. 2, 1904, held not to infringe 691,598, (C. C. A. 9th Cir.), 182 F. 817.
- 766,988 Folding table, F. M. Burrowes, Aug. 9, 1904, not infringed, (D. C. S. D. N. Y.), 198 F. 136; claim 4 void, claims 5 and 6 not infringed, (C. C. A. 2nd Cir.), 204 F. 614.
- 767,303 Telegraph transmitter, H. G. Martin, Aug. 9, 1904, valid, infringed, (C. C. S. D. N. Y.), 153 F. 589; claims 1 and 2 infringed, (C. C. A. 2nd Cir.), 160 F. 667.
- 768,111 Thread cutter for machines for sewing filled sacks, E.H. Burghardt, Aug. 23, 1904, does not infringe 875,314 and 875,339, (D. C. E. D. Pa.), 236 F. 246.
- 768,284 Concrete floor construction, J. Kahn, Aug. 23, 1904, claims 3, 4 and 10 not infringed, (C. C. A. 6th Cir.), 222 F. 506.
- 768,354 Means for varying the voltage of alternating currents, J. E. Woodbridge, Aug. 23, 1904, no proofs taken since filing of replication, (N. D. Ohio, W. D.), General Electric Co. v. Sandusky etc. Electric Ry.Co., not reported.
- 768,550 Process of pasteurizing beer, E. Wagner, Aug. 23, 1904, void, anticipated by German 89,691, (C. C. A. 8th Cir.), 190 F. 573.
- 768,591 Switch rod mechanism, H. G. Elfborg, Aug. 30, 1904, not infringed, (C. C. N. D. Ill., E. D.), 156 F. 594.
- 768,592 Switch rod mechanism, H. G. Elfborg, Aug. 30, 1904, not infringed, (C. C. N. D. Ill., E. D.), 156 F. 594.

TABLE I—CHRONOLOGICAL LIST.

- 768,888 Tank car, J. W. Van Dyke, Aug. 30, 1904, claims 14, 15, 16 and 17 valid and infringed, (D. C. S. D. N. Y.), 202 F. 503.
- 769,078 See Reissue 12,594.
- 769,618 Means for observing dust-laden currents, August Lotz, Sept. 6, 1904, denied priority in interference, 31 App. D. C. 205.
- 769,788 Fireproof drop curtain, J. H. Channon, Sept. 13, 1904, void, (C. C. A. 7th Cir.), 168 F. 705.
- 770,024 Horn for phonographs or similar machines, Ruggiero & Bongiorno, Sept. 13, 1904, on demurrer to bill, (C. C., N. D. N. Y.), 162 F. 902; claim 1 void, and not infringed if conceded validity, (C. C. N. D. N. Y.), 190 F. 10; (C. C. A. 2nd Cir.), 200 F. 1022.
- 770,157 Telephone desk stand, C. L. Boyce, Sept. 13, 1904, held valid and infringed May 11, 1906, (C. C. D. Conn.), Western Electric Co. v. Conn. Telephone & Electric Co., for compl., Barton, Tanner & Folk, for dft., Wicket, Meier & Booth; held valid and infringed Feb. 13, 1908, (C. C. D. Ind.), Western Electric Co. v. Sterling Electric Co., for compl., Barton, Tanner & Folk, for dft., Brown & Williams; J.S. McHugh; held valid and infringed Aug. 30, 1909, (C. C. N. D. Ill. E. D.), Western Electric Co. v. Western Telephone Mfg. Co., for compl., Barton, Tanner & Folk, for dft., Pringle & Fearing, not reported.
- 770,488 Printing machine, J. White, Sept. 20, 1904, void, (D. C. S. D. N. Y.), 237 F. 662.
- 770,751 Closure for bottles and jars, D. C. Hull, Sept. 27, 1904, valid and infringed, (D. C. S. D. N. Y.), 232 F. 156.
- 771,426 Sectional sheet piling, W. C. Harder, Oct. 4, 1904, not infringed, (C. C. N. D. Ill., E. D.), 149 F. 434; (C. C. A. 7th Cir.), 160 F. 463.
- 771,441 Horn for talking machines, P. C. Nielsen, Oct. 4, 1904, judgment for plaintiff affirmed, (C. C. A. 9th Cir.), 214 F. 86; order granting preliminary injunction affirmed, (C. C. A. 9th Cir.), 214 F. 99; (C. C. A. 9th Cir.), 214 F. 257; decree of District Court denying injunction affirmed, (C. C. A. 9th Cir.), 225 F. 497;

TABLE I—CHRONOLOGICAL LIST.

- decree of District Court renying petition affirmed, (C. C. A. 9th Cir.), 225 F. 500; claims 2 and 3 valid and infringed, (C. C. A. 9th Cir.), 236 F. 135.
- 771,725 Brush, William A. Geen, Oct. 4, 1904, denied priority in interference, 28 App. D. C. 437.
- 771,748 Electric time alarm, W. H. Robins et al., Oct. 4, 1904, not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.
- 771,749 Burglar alarm, W. H. Robins et al., Oct. 4, 1904, claims 3 and 6 void, the remaining claims not infringed, (C. C. D. Minn. 4th Div.), 181 F. 350; claims 1, 3, 4, 6, 15 and 20 not infringed if conceded validity, (C. C. A. 8th Cir.), 209 F. 845.
- 771,766 Hanger and track for sliding doors, John H. Burkholder, Oct. 4, 1904, awarded priority in interference, 29 App. D. C. 485.
- 771,774 Apparatus for copying drawings, J. M. G. Fullman, Oct. 4, 1904, valid and infringed, (C. C. W. D. Pa.), 173 F. 315; claims 1, 2, 3 and 5 void, claim 4 valid but not infringed, (C. C. A. 3rd Cir.), 181 F. 345.
- 771,963 Pin setting device, J. C. Backus, Oct. 11, 1904, held to infringe 644,546, (C. C. N. D. Ill., E. D.), 153 F. 288.
- 772,014 See Reissue 12,430.
- 772,309 Auxiliary steering mechanism for vessels, E. C. Akers, Oct. 11, 1904, valid but not infringed, (C. C. A. 6th Cir.), 237 F. 359.
- 772,701 Cheese stirring apparatus, J. S. Deal, Oct. 18, 1904, valid and infringed, (C. C. W. D. Wis.), 180 F. 474.
- 772,743 Drum head, Hermann Oschatz, Oct. 18, 1904, not infringed, (C. C., S. D. N. Y.), 172 F. 445.
- 772,862 Process of electrically treating gases, K. Birkeland, Oct. 18, 1904, priority denied as to claims 1, 2 and 3.
- 773,234 Vibratile apparatus, L. Snyder, Oct. 25, 1904, motion for preliminary injunction granted, (C. C. D. Md.), 154 F. 492.
- 773,348 Panoramic camera, L. J. Smith, Oct. 25, 1904, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.
- 773,657 Exhaust heater for compound motors, T. G. E. Lindmark, Nov. 1, 1904, awarded priority in interference, 34 App. D. C. 445; 37 App. D. C. 322.

TABLE I—CHRONOLOGICAL LIST.

- 774,210 Knot or tie for wire fences, G. S. Tiffany, Nov. 8, 1904, not void on its face on demurrer, (C. C. E. D. Mich., S. D.), 190 F. 195.
- 774,473 Circular knitting machine, H. A. Houseman, Nov. 8, 1904, claim 22 void, (C. C. E. D. Pa.), 181 F. 157; claim 22, as construed narrowly, held valid but not infringed, (C. C. A. 3d Cir.), 188 F. 323.
- 774,490 Metallic ring packing, J. C. Paine, Nov. 8, 1904, valid, infringed, (C. C. D. Conn.), 161 F. 134; void, (C. C. D. Conn.), 172 F. 147.
- 774,802 Gas generator, F. S. Vincent, Nov. 15, 1904, action at law, (C. C. A. 6th Cir.), 205 F. 740.
- 775,123 Apparatus for electrically treating gases, K. Birkeland, Nov. 15, 1904, priority denied as to claims 1, 2 and 10.
- 775,134 Razor, King C. Gillette, Nov. 15, 1904, claims 2, 7, 9 to 11, 17 to 20, 23, 26 and 29 valid and infringed by 933,020, (C. C. D. N. J.), 187 F. 149; valid and infringed, (C. C. A. 3rd Cir.), 194 F. 421; preliminary injunction denied, (D. C. D. N. J.), 197 F. 574.
- 775,310 Variable-speed motor, M. Pfatischer, Nov. 22, 1904, void, (C. C. S. D. N. Y.), 191 F. 506; (C. C. A. 2nd Cir.), 202 F. 224.
- 775,635 Flexible roofing or flooring, L. C. Ruger et al., Nov. 22, 1904, valid and infringed, (C. C. S. D. N. Y.), 175 F. 346; valid but not infringed, (C. C. A. 2nd Cir.), 218 F. 373.
- 775,636 Flexible roofing or flooring, L. C. Ruger et al., Nov. 22, 1904, claims 4, 9 and 11 valid and infringed, (C. C. S. D. N. Y.), 175 F. 346; valid but not infringed, (C. C. A. 2nd Cir.), 218 F. 373.
- 775,901 Water purifying apparatus, J. C. W. Greth, Nov. 22, 1904, claims 10 and 11 not infringed if conceded validity, (D. C. W. D. Ky.), 194 F. 139; claim 11 valid and infringed, (C. C. A. 6th Cir.), 209 F. 210.
- 776,220 Controller for electric vehicles, Henry H. Cutler, Nov. 29, 1904, denied priority in interference, 31 App. D. C. 297.

TABLE I—CHRONOLOGICAL LIST.

- 776,413 Telephone party line ringing keys, F. R. McBerty, Nov. 29, 1904, held valid and infringed June 24, 1910, (C. C. N. D. Ohio, E. D.), Western Electric Co. v Dean Electric Co., for compl., D. C. Tanner; Barton & Folk, for dft., Brown & Williams, not reported.
- 776,877 Turbine motor for boiler-tube cleaners, H. F. Weinland, Dec. 6, 1904, void, (D. C. W. D. Pa.), 205 F. 149; (C. C. A. 3rd Cir.), 214 F. 581.
- 777,096 Printing apparatus, R. Herman, Dec. 13, 1904, claims 12 and 13 valid and infringed by 765,406, claims 16, 17 and 18 invalid, (C. C. A. 6th Cir.), 191 F. 579; decree after accounting, (C. C. A. 6th Cir.), 216 F. 606; decree for profits reversed, (C.C.A.6th Cir.), 232 F.361.
- 777,209 See Reissue 12,523.
- 777,488 Fish bait, F. D. Rhodes, Dec. 13, 1904, claims 8, 9 and 10 valid and infringed, (D. C. N. D. Ohio, E. D.), 211 F. 477; claims 8, 9 and 10 valid and infringed, (C. C. A. 6th Cir.), 220 F. 304.
- 777,531 Tent cottage, J. R. Parks, Dec. 13, 1904, void, (C. C. A. 8th Cir.), 195 F. 275.
- 777,615 Talking machine, V. H. Emerson, Dec. 13, 1904, claims 3 and 5 not infringed, (D. C. S. D. N. Y.), 234 F. 344.
- 777,635 Valve controller for elevators, K. E. O. Jansson, Dec. 13, 1904, claims 17, 18, 19 and 21 not infringed, (C. C. A. 3rd Cir.), 194 F. 695.
- 777,637 Rheostat, Keeney & Rhine, Dec. 13, 1904, held to infringe claims 1 and 4 of 418,678, (C.C.,E.D.Wis.), 147 F.266.
- 777,714 Culvert, C. W. Carter, Dec. 20, 1904, claim 1 construed and held not infringed, (D. C. N. D. Ohio, E. D.), 211 F. 481.
- 778,070 Loose-leaf binder, W. P. Pitt, Dec. 20, 1904, valid and infringed as to claims 1 to 9 inclusive, but not infringed as to claim 10, (D. C. S. D. N. Y.), 220 F. 325; not infringed by 1,049,785, (C. C. A. 8th Cir.), 238 F. 177.
- 778,394 Panoramic camera, Angsten & Gesbeck, Dec. 27, 1904, judgment for plaintiff affirmed, (C. C. A. 8th Cir.), 216 F. 892.
- 778,749 Grate, A. E. Johnson, Dec. 27, 1904, not infringed by 828,769 or 834,932, (C. C. A. 8th Cir.), 178 F. 819.

TABLE I—CHRONOLOGICAL LIST.

1905

- 779,285 Well-sinking apparatus, H. G. Johnston, Jan. 3, 1905, hearing Jan. 16, 1912, (D. C. E. D. Texas), not reported; decree of District Court for defendants affirmed, (C. C. A. 5th Cir.), 208 F. 145.
- 779,430 Cigarette-machine, P. A. Lawless, Jan. 10, 1905, infringes claim 1 of 711,986 and claim 3 of 711,987, (C. C. A. 2d Cir.), 188 F. 318.
- 779,431 Cigarette-machine, P. A. Lawless, Jan. 10, 1905, infringes claim 1 of 711,986 and claim 3 of 711,987, (C. C. A. 2d Cir.), 188 F. 318.
- 779,500 Tent, Edward I. Rice, Jan. 10, 1905, on motion and demurrer, (C. C. N. D. N. Y.), 182 F. 832.
- 779,533 Harmonic selective signalling system for telephones, W. W. Dean, Jan. 10, 1905, not infringed, (D. C. N. D. Ohio, E. D.), 231 F. 197.
- 779,651 Process of making fabric-covered ornaments, A. M. Holstein, Jan. 10, 1905, not infringed, (C. C. A. 6th Cir.), 211 F. 462.
- 780,078 Piano, E. S. Votey, Jan. 17, 1905, void, (D. C. D. Conn.), 221 F. 666; void, (C. C. A. 2nd Cir.), 234 F. 90.
- 780,641 Electric switch, E. R. Dull, Jan. 24, 1905, claims 1 and 4 valid, infringed, (C. C. N. D. Ill., E. D.), 161 F. 129.
- 780,664 Printing telegraph receiver, J. M. Joy, Jan. 24, 1905, claims 1 to 6, 9, 11, 23, 24, 26, 27 and 30 valid, infringed, claim 12 void, claim 15 not infringed, (C. C., S. D. N. Y.), 166 F. 473; valid and infringed as to all claims except claim 12, (C. C. A. 2nd Cir.), 168 F. 703; claim 12 valid and infringed, (C. C. S. D. N. Y.), 200 F. 72, 200 F. 74; claim 12 valid and infringed, (D. C. S. D. N. Y.), 230 F. 164; not infringed, (C. C. A. 2nd Cir.), 235 F. 121; on exceptions to master's report, (D. C. S. D. N. Y.), 238 F. 369.
- 781,412 Grain drill, William Fetzer, Jan. 31, 1905, awarded priority in interference, 31 App. D. C. 586.
- 781,455 Cigar pocket, O. L. Parmenter, Jan. 31, 1905, void, (C. C. E. D. Wis.), 181 F. 394.

TABLE I—CHRONOLOGICAL LIST.

- 781,635 Undergarment for women, L. J. Critcher, Feb. 7, 1905, valid, infringed, (C. C., N. D. Ill., E. D.), 160 F. 693; (C. C. A. 7th Cir.), 164 F. 188; suit on contract, (C. C. W. D. Wis.), 169 F. 653.
- 781,711 Process for treatment of ores, A. H. Brown, Feb. 7, 1905, claim 1 valid and infringed, (D. C. D. Del.), 207 F. 579; not infringed, (C. C. A. 3rd Cir.), 212 F. 163.
- 781,802 Valve and valve gear for explosive engines, W. Barber, Feb. 7, 1905, claims 8 and 9 valid and infringed, (D. C. N. D. N. Y.), 231 F. 755.
- 782,375 Composition for making phonograph records, J.W.Aylsworth, Feb. 14, 1905, infringed, (C. C. E. D. Pa.), 159 F. 171; decree of court below enjoining defendant affirmed, (C. C. A. 3d Cir.), 178 F. 276; defendant adjudged in contempt for violation of preliminary injunction, (C. C. N. D. Iowa, C. D.), 186 F. 513.
- 782,383 Caisson or coffer-dam, John W. Doty, Feb. 14, 1905, demurrer to bill, (C. C., S. D. N. Y.), 171 F. 425.
- 782,552 Coupling-pipe, Joseph H. Glauber, Feb. 14, 1905, valid and infringed, (C. C. A. 7th Cir.), 184 F. 609.
- 782,564 Axle, L. A. Keene, Feb. 14, 1905, void, (C. C. A. 6th Cir.), 231 F. 701.
- 782,701 Means for cleaning out the bore of guns, F. L. Sawyer, Feb. 14, 1905, claimant's petition dismissed, 46 Ct. of Cls. 601.
- 782,874 Weighing and packaging machine, F. G. Pennock, Feb. 21, 1905, does not infringe claims 1, 3, 5, 6 and 7 of 766,004, (C. C. A. 1st Cir.), 200 F. 573.
- 782,986 Loose-leaf attachment, F. Phoenix, Feb. 21, 1905, held to not infringe 743,114, (C. C. S. D. N. Y.), 159 F. 472.
- 783,050 Breech loading ordnance, Knapp & Dunn, Feb. 21, 1905, claimant's petition dismissed, 46 Ct. of Cls. 601.
- 783,126 Account recording appliance, P. A. McCaskey, Feb. 21, 1905, not infringed, (C. C. W. D. Pa.), 181 F. 171; not infringed, (C. C. A. 3rd Cir.), 194 F. 967; valid but not infringed, (D. C. N. D. N. Y.), 217 F. 415; claims 12, 13 and 22 not infringed, claim 23 void, (C. C. A. 2nd Cir.), 224 F. 495.

TABLE I—CHRONOLOGICAL LIST.

- 783,223 Metal planer, H. Robinson, Feb. 21, 1905, held to infringe 472,804, (C. C. D. Md.), 156 F. 777.
- 783,902 See Reissue 13,903.
- 783,983 Gas engine, C. E. Sargent, Feb. 28, 1905, answer filed June 2, 1908, (7th Cir. N. D. Ill.), Sargent Engineering Co. and Wisconsin Engine Co. v. Allis-Chalmers Co. and Illinois Steel Co., not reported.
- 784,265 Car, Ingoldsby & Bowling, Mar. 7, 1905, application for reissue denied priority in interference with 804,970, 35 App. D. C. 102.
- 784,385 Trumpet for talking machines, Alfred R. Cunnius, Mar. 7, 1905, on demurrer to bill, (C. C., N. D. N. Y.), 162 F. 902; claims 1 and 2 void, and not infringed if conceded validity, (C. C. N. D. N. Y.), 190 F. 10; (C. C. A. 2nd Cir.), 200 F. 1022.
- 784,695 Insulating lining, N. Marshall, Mar. 14, 1905, claims 5 and 9 void, (C. C. D. Mass.), 153 F. 579; (C. C. A. 1st Cir.), 164 F. 862; preliminary injunction granted, (C. C. D. Mass.), 169 F. 426; decree 169 F. 426 affirmed, (C. C. A. 1st Cir.), 185 F. 499; claim 6 void, (C. C. A. 1st Cir.), 232 F. 607.
- 784,872 Telephone switchboard relay, R. H. Manson, Mar. 14, 1905, claims 1, 2, 3, 5, 6 and 8 void, (D. C. N. D. Ohio, E. D.), 231 F. 194.
- 785,017 Combined lamp-shade and reflector, Alexander P. McArthur, Mar. 14, 1905, denied priority in interference, 31 App. D. C. 514.
- 785,070 Automatic feeder for twine making machine, Monahan & Kieren, Mar. 14, 1905, held not to infringe 524,423 or 654,991, (C. C. A. 7th Cir.), 159 F. 429; the 10 claims involved valid but not infringed, (C. C. E. D. Wis.), 194 F. 885; claims 9, 14, 17, 18, 19, 20, 21, 23 and 24 valid but not infringed, (C. C. A. 7th Cir.), 207 F. 937.
- 785,358 Hoist, W. Gutenkunst, Mar. 21, 1905, held to not infringe 584,340, (C. C. A. 7th Cir.), 148 F. 220.
- 785,410 Spring structure, F. P. D'Arcy, Mar. 21, 1905, claim 2 valid but not infringed, (C. C. A. 6th Cir.), 181 F. 340.

TABLE I—CHRONOLOGICAL LIST.

- 786,011** Time-recorder, John Dey & Alexander Dey, Mar.28,1905, claims 35, 54, and 60 to 64, not infringed, (C. C., N. D. N. Y.), 169 F. 807; void, (C. C. A. 2nd Cir.), 178 F. 812.
- 786,294** Clutch mechanism for printing telegraph, J. M. Joy, Apr. 4, 1905, valid, infringed, (C. C. S. D. N. Y.), 166 F. 473; on exceptions to master's report, (D. C. S. D. N. Y.), 238 F. 369.
- 786,653** Elevator controlling mechanism, T. Larsson, April 4, 1905, does not infringe 700,740, (C. C. D. Mass.), 153 F. 747.
- 786,654** Valve mechanism for hydraulic elevators, T. Larsson, April 4, 1905, does not infringe 700,740, (C.C.D.Mass.), 153 F. 747; a device considered quite similar to this patent held to infringe 700,740, (C. C. A. 1st Cir.), 165 F. 906.
- 787,010** Patch for rubber tires, C. O. Tingley, Apr. 11, 1905, void, (C. C. A. 3rd Cir.), 202 F. 756.
- 787,050** Glass-molding machine, Edward Miller, Apr. 11, 1905, not infringed, (C. C., D. N. J.), 160 F. 501.
- 787,425** Stove reservoir, A. K. Beckwith, Apr. 18, 1905, claim 11 valid and infringed, (C. C. E. D. Wis.), 174 F.1001; claim 11 valid and infringed, (C. C. A. 7th Cir.), 189 F. 74; accounting ordered to proceed, (D. C. E. D. Wis.), 195 F. 291.
- 787,537** Change speed gearing for lathes, A. E. Newton, Apr. 18, 1905, held to not infringe 470,591, (C. C. D. Mass.), 155 F. 133; (C. C. A. 1st Cir.), 162 F. 481.
- 787,821** Linotype mechanism, R. M. Bedell, Apr. 18, 1905, claims 1, 2 and 3 void, (D. C. S. D. N. Y.), 229 F. 168; claims 1, 2 and 3 void, (C. C. A. 2nd Cir.), 229 F. 407.
- 788,305** Wire-fence machine. Joseph M. Denning, Apr. 25, 1905, infringes patent No. 577,639, (C. C. A. 8th Cir.), 169 F. 793.
- 788,334** Apparatus for casting metal, J. Scott, Apr. 25, 1905, void, (C. C. A. 3rd Cir.), 237 F. 590.
- 788,803** Sanitary drainage and vent fitting, F. Walker, May 2, 1905, valid, not infringed, (C. C. A. 9th Cir.), 164 F. 693.

TABLE I—CHRONOLOGICAL LIST.

- 788,830 Elastic fluid turbine, F. Hodgkinson, May 2, 1905, complainant's prima facie proofs closed Mar. 16, 1907, awaiting defendant's testimony, (D. N. J.), Westinghouse Machine Co. v. Allis-Chalmers Co., not reported.
- 789,053 Web-guiding device, James O'Connor, May 2, 1905, valid but not infringed, (C. C. A. 2nd Cir.), 186 F. 159; also see Reissue 13,398.
- 789,127 Process of making lump starch, E. Gudeman, May 2, 1905, does not infringe 541,941, (D. C. N. D. Iowa), 207 F. 571.
- 789,218 Bill hook, W. Hornich, Jr., May 9, 1905, claims 3, 4 and 5 valid, infringed, (C. C. W. D. N. Y.), 167 F. 565.
- 789,243 Amusement device, W. H. Strickler, May 9, 1905, not infringed, (C. C. E. D. Wis.), 166 F. 128.
- 789,306 Gear case, B. L. Waters, May 9, 1905, claim 2 valid and infringed, (C. C. E. D. N. Y.), 189 F. 386.
- 789,433 Binding-post or circuit terminal, E. J. King, May 9, 1905, claims 1 and 6 void, (C. C. A. 7th Cir.), 183 F. 415.
- 789,597 High-potential switch, Emmet & Hewlett, May 9, 1905, claims 1, 5 to 10 and 14 valid, (C. C. A. 1st Cir.), 187 F. 131; preliminary injunction granted, (C. C. D. Mass.), 191 F. 511; preliminary injunction held properly granted, (C. C. A. 1st Cir.), 196 F. 42.
- 789,696 Necktie, W. A. Keys, May 9, 1905, void, (C. C. A. 2nd Cir.), 234 F. 94.
- 789,903 Combined bed and couch, Charles L. Fenner, May 16, 1905, denied priority in interference, 30 App. D.C.507.
- 790,184 Confectionery coating machine, G. Carlson, May 16, 1905, held anticipated by 685,790, (Jury trial, C. C. S. D. N. Y.), Panoulis v. Confectioners' Mch. & Mfg. Co., for plf. F. E. M. Bullowa, for dft. Wm. Quinby, not reported.
- 790,609 Shaft hanger, C. O. Wood, May 23, 1905, both claims valid and infringed, (C. C. M. D. Pa.), 191 F. 196; valid and infringed, (C. C. A. 3rd Cir.), 196 F. 780; not infringed, (D. C. M. D. Pa.), 206 F. 172; (C. C. A. 3rd Cir.), 214 F. 581.
- 790,879 See Reissue 12,396.
- 791,216 See Reissue 12,443.

TABLE I—CHRONOLOGICAL LIST.

- 791,217** Process and mechanism for making wire glass, E. C. Schmertz, May 30, 1905, valid, infringed, (C. C. W. D. Pa.), 168 F. 73; not infringed, (C. C. A. 3rd Cir.), 178 F. 944; infringed by 867,510, (C. C. N. D. Ill. E. D.), 178 F. 977; motion for preliminary injunction denied, (C. C. N. D. Ill., E. D.), 178 F. 973; valid but not infringed by 867,510, (C. C. A. 7th Cir.), 185 F. 788.
- 791,347** Recoil brake for wheeled gun carriage, O. Lauber, May 30, 1905, decree (32 App. D. C. 1), reversed, (U. S. Sup. Ct.), 224 U. S. 290.
- 791,420** Typewriter, F. W. Hillard, May 30, 1905, claims 8, 11, 12 and 15, if valid, then not infringed by 599,428 or 618,154, (C. C. A. 2d Cir.), 186 F. 334.
- 791,501** Carbureter, E. C. Richard, June 6, 1905, valid and infringed by two forms of carburetors, but not infringed by a third, (D. C. N. D. Ill., E. D.), 220 F. 154.
- 791,673** Electric meter, F. P. Cox, June 6, 1905, claims 11, 12, 15, 16, 17, 18, 19 and 20 void, (C. C. A. 7th Cir.), 174 F. 247.
- 791,951** Traveling crane, G. W. Shem, Mar. 17, 1905, claims 1 and 2 void, claims 3, 4 and 5 valid and infringed, (C. C. A. 6th Cir.), 176 F. 100.
- 791,967** Attachment for player pianos, F. C. Whitmore, June 6, 1905, claims 3, 4 and 5, void, (C. C. N. D. N. Y.), 162 F. 160.
- 792,284** Method of manufacturing bottle-closures, William Painter, June 13, 1905, preliminary injunction denied, (C. C. E. D. N. Y.), 190 F. 323; valid and infringed, (D. C. E. D. N. Y.), 201 F. 344; motion to vacate preliminary injunction denied, (D. C. E. D. N. Y.), 206 F. 679; claim 1 not infringed, (C. C. A. 2nd Cir.), 211 F. 650.
- 792,658** Motor starter, Albert J. Horton, June 20, 1905, denied priority in interference, 32 App. D. C. 217; awarded priority in interference as to count 1 and denied priority as to the remaining counts, 40 App. D. C. 22.
- 792,703** Garden hand plow, Hanger and Thomas, June 20, 1905, not infringed by 853,961 and 878,774, (C. C. A. 4th Cir.), 237 F. 376.

TABLE I—CHRONOLOGICAL LIST.

- 792,862 Stoker, E. E. Taylor, June 20, 1905, held to infringe claims 6 and 9 of 470,052, (C. C. D. R. I.), 165 F. 65.
- 793,249 Check protector device, L. M. Todd, June 27, 1905, claims 1 and 3 infringed, claim 8 not infringed and claim 5 void, (D. C. E. D. Pa.), 226 F. 791; claims 1 and 3 infringed, (C. C. A. 3rd Cir.), 232 F. 714; motion for preliminary injunction granted, (D. C. E. D. Pa.), 236 F. 768.
- 793,723 Folding cot, R. L. Herman, July 4, 1905, claim 3 valid and infringed, (C. C. A. 2nd Cir.), 229 F. 1002.
- 793,779 Savings bank, C. Fisher, July 4, 1905, infringement doubtful, preliminary injunction denied, (C. C. N. D. Ill., E. D.), 158 F. 824; valid, claim 8 infringed, (D. C. N. D. Ill., E. D.), 224 F. 506; claims 6 and 7 infringed, (D. C. N. D. Ill., E. D.), 224 F. 512; claims 6 and 7 infringed, (D. C. W. D. Wis.), 224 F. 513; claim 8 valid and infringed, the remaining claims valid but not infringed, (D. C. S. D. N. Y.), 224 F. 513; preliminary injunction denied as to claim 5, claim 8 valid and infringed, (D. C. S. D. N. Y.), 226 F. 788; valid, claims 1, 5, 6, 7 and 8 infringed, claims 2, 3 and 4 not infringed, (C. C. A. 2nd Cir.), 231 F. 985.
- 793,857 Steam turbine, E. C. Terry, July 4, 1905, motion for leave to file supplemental answer denied, (D. C. D. Mass.), 204 F. 103.
- 793,978 Copy holder, G. C. Beidler, July 4, 1905, claims 1, 2, 3 and 8 void, claims 5 and 9 not infringed, (C. C. A. 8th Cir.), 233 F. 668.
- 794,064 Fence-wire pliers, H. L. White, July 4, 1905, valid and infringed, (C. C. D. N. J.), 189 F. 619; construed and held not infringed, (C. C. A. 3d Cir.), 191 F. 169.
- 794,296 Electric display lamp, H. J. Gille, July 11, 1905, not infringed, (C. C. A. 2nd Cir.), 219 F. 750.
- 794,587 Car handling apparatus, L. F. Card, July 11, 1905, demurrer overruled, (D. C. E. D. Tenn., N. D.), 202 F. 351.
- 794,745 Automatic starter for vapor apparatus, M. Von Recklinghausen, July 13, 1905, denied priority in interference, 34 App. D. C. 474.

TABLE I—CHRONOLOGICAL LIST.

- 794,991 Motor controller, J. B. Linn, July 18, 1905, claims 1, 2, 3 and 4 valid and infringed, (D. C. S. D. N. Y.), 221 F. 657.
- 795,059 Street flushing cart, L. F. Ottofy, July 18, 1905, valid. infringed, (C. C. A. 8th Cir.), 156 F. 574; exceptions sustained, (C. C. E. D. Mo.), 180 F. 759; nominal damages allowed, (C. C. A. 8th Cir.), 192 F. 121; valid and infringed, (C. C. A. 2nd Cir.), 198 F. 99; valid but not infringed, (C. C. A. 2nd Cir.), 211 F. 980; motion for preliminary injunction denied, (D. C. N. D. N. Y.), 216 F. 190; if valid not infringed, (D. C. S. D. N. Y.), 216 F. 630; order granting preliminary injunction affirmed, (C. C. A. 8th Cir.), 224 F. 964; valid and infringed, (D. C. N. D. N. Y.), 225 F. 389; bill dismissed, (D. C. D. N. J.), 226 F. 797; not infringed, (C. C. A. 2nd Cir.), 229 F. 421.
- 795,109 Gem setting, G. W. Dover, July 18, 1905, claim 2 not infringed, (D. C. D. R. I.), 228 F. 725.
- 796,827 Horseshoe calk, John Durkee, Jr., Aug. 8, 1905, denied priority in interference, 31 App. D. C. 248.
- 796,928 Can heading machine, J. McGinnis, Aug. 8, 1905, held to not infringe 477,584, (C. C. D. Md.), 156 F. 784.
- 797,122 See Reissue 12,445.
- 797,338 Sled runner, S. L. Alien, Aug. 15, 1905, void, anticipated by 408,681, (C. C. N. D. N. Y.), 178 F. 287.
- 797,364 Apparatus for coaling ships, L. A. De Mayo, Aug. 15, 1905, valid and infringed, (D. C. S. D. N. Y.), 227 F. 895; claim 7 not infringed, (C. C. A. 2nd Cir.), 231 F. 736.
- 797,412 Linotype mechanism, P. T. Dodge, Aug. 15, 1905, claim 9 not infringed, (D. C. S. D. N. Y.), 229 F. 168; claim 9 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 797,436 Linotype mechanism, D. S. Kennedy, Aug. 15, 1905, claim 1 not infringed, (D. C. S. D. N. Y.), 229 F. 168; claim 1 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 797,505 Method of finishing canes, J. Eisenstein, Aug. 15, 1905, void, (C. C. D. N. J.), 160 F. 686.
- 797,555 Internal combustion engine, C. A. Carlson, Aug. 22, 1905, claim 1 valid and infringed, (C. C. S. D. N. Y.), 178 F. 458; same, (C. C. A. 2nd Cir.), 197 F. 309.

TABLE I—CHRONOLOGICAL LIST.

- 798,255 Grinding mill, G. A. Bell, Aug. 29, 1905, does not infringe 923,966, (D. C. N. D. Ill., E. D.), 195 F. 772; (C. C. A. 7th Cir.), 201 F. 100.
- 798,756 Ventilating-awning, S. H. Voorhees, Sept. 5, 1905, claim of licensor against bankrupt licensee allowed in part, (D. C. M. D. Pa.), 187 F. 611; reversed, (C. C. A. 3d Cir.), 188 F. 425.
- 799,012 Disk harrow, A. C. Lindgren, Sept. 5, 1905, claims 3, 4, 5, 7 and 9 valid and infringed, (C. C. A. 7th Cir.), 212 F. 727.
- 799,662 Cover for automobile tires, B. Nathan, Sept. 19, 1905, infringed, (D. C. S. D. N. Y.), 213 F. 870; void, (C. C. A. 2nd Cir.), 229 F. 424.
- 800,131 Machine for making wire glass, A. J. Baldwin, Sep. 26, 1905, void, (C. C. W. D. Pa.), 168 F. 90.
- 800,172 Passenger car, Ross and McDonald, Sept. 26, 1905, void, (C. C. A. 2nd Cir.), 221 F. 939; not infringed, (C. C. A. 2nd Cir.), 221 F. 943.
- 800,431 Computing cheese-cutter, H. F. Dunn, Sep. 26, 1905, claims 2, 7 and 10 valid, infringed, (C. C. A. 6th Cir.), 163 F. 521; not infringed, (C. C. A. 6th Cir.), 204 F. 617.
- 800,916 High-potential switch, Hewlett & Emmet, Oct. 3, 1905, claims 1, 2, 4 and 8 valid and infringed, (C. C. A. 1st Cir.), 187 F. 131; validity doubtful, preliminary injunction denied, (C. C. D. Mass.), 191 F. 511.
- 800,930 Sheet metal casket, J. Maxwell, Oct. 3, 1905, not void on face, (D. C. N. D. N. Y.), 205 F. 515.
- 801,078 Clamping device for lens fronts of cameras, J. Goddard, Oct. 3, 1905, claim 1 valid and infringed by 1,042,023, (D. C. W. D. N. Y.), 236 F. 141.
- 801,281 Bottle closure. A. L. Weissentanner, Oct. 10, 1905, anticipated by 708,528, (C. C. D. N. J.), 156 F. 365; void, (C. C. A. 3rd Cir.), 161 F. 915.
- 801,754 Flushing apparatus for water closets, J. A. Vogel, Oct. 10, 1905, valid and infringed, (D. C. D. Md.), 220 F. 939.
- 801,911 Artificial teeth, C. Rauhe, Oct. 17, 1905, not void on face, (D. C. E. D. Pa.), 196 F. 54.

TABLE I—CHRONOLOGICAL LIST.

- 801,944 Showcase, F. Weber, Oct. 17, 1905, valid and cause remanded, (C. C. A. 9th Cir.), 217 F. 400.
- 802,004 Centering for and method of constructing arches, Daniel B. Luten, Oct. 17, 1905, valid and infringed, Luten v. Adams County, (C. C. S. D. Miss.), not reported.
- 802,070 Hair-clipper, G. H. Coates, Oct. 17, 1905, does not infringe 481,254, (D. C. D. Mass.), 195 F. 84.
- 802,631 Apparatus for making Portland cement, T. A. Edison, Oct. 24, 1905, void, (D. C. S. D. N. Y.), 208 F. 20; void, (C. C. A. 2nd Cir.), 219 F. 895.
- 802,677 See Reissue 12,629.
- 803,684 Wireless telegraphy, J. A. Fleming, Nov. 7, 1905, valid, claims 1 and 37 infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 804,247 Stone saw, Charles L. Nuel, Nov. 14, 1905, priority in interference denied, 29 App. D. C. 481.
- 804,726 Candy pulling machine, E. J. Jenner, Nov. 14, 1905, claim 1 invalid, valid and infringed as to claims 7 and 8, (D. C. D. Md.), 208 F. 1005; claims 7 and 8 valid and infringed, (C. C. A. 4th Cir.), 219 F. 753.
- 804,756 Garment supporter, J. F. Molloy, Nov. 14, 1905, does not infringe 552,470, (C. C. S. D. N. Y.), 173 F. 793.
- 804,970 Dump car, Spencer Otis, Nov. 21, 1905, awarded priority in interference with application for reissue of 784,265, 35 App. D. C. 102.
- 804,985 Firearm, E. H. Searle, Nov. 21, 1905, does not infringe claims 7 or 13 of 580,924 or claim 10 of 747,585, (C. C. A. 2d Cir.), 190 F. 553.
- 805,153 Transfer ticket, W. C. Pope, Nov. 21, 1905, valid and infringed, (C. C. A. 6th Cir.), 210 F. 443; petition to rehear granted, (C. C. A. 6th Cir.), 212 F. 719.
- 805,874 Fire extinguisher system, J. G. & J. D. Nolen, Nov. 28, 1905, decree for complainant, (D. C. S. D. N. Y.), 228 F. 192.
- 806,394 See Reissue 12,447.
- 806,434 Carbureter, G. M. Schebler, Dec. 5, 1905, claims 1, 2 and 3 void, (C. C. E. D. N. Y.), 189 F. 896.
- 806,556 Belt stapling tool, Mitchell and Gunn, Dec. 5, 1905, claim 1 infringed, (C. C. A. 6th Cir.), 237 F. 602.

TABLE I—CHRONOLOGICAL LIST.

- 806,700 Links for conveyors, McKennan and Helander, Dec. 5, 1905, void, (C. C. A. 3rd Cir.), 237 F. 590.
- 806,702 Self locking loose leaf binder, C. R. Nelson et al., Dec. 5, 1905, void, (C. C. N. D. Ill. E. D.), 177 F. 439.
- 806,763 Car door operating gear, J. M. Ames, Dec. 12, 1905, awarded priority in interference, 37 App. D. C. 365.
- 806,779 Water motor, Peter T. Coffield, Dec. 12, 1905, void on account of the reissue of the patent pending suit (see reissue 12,719), (C. C. A. 6th Cir.), 167 F. 321.
- 807,109 Hoisting or logging device, W. H. Corbett, Dec. 12, 1905, valid and infringed, (D. C. D. Ore.), 216 F. 150.
- 807,937 Electric motor controller, H. D. James, Dec. 19, 1905, complainant's prima facie proofs closed Mar. 18, 1910, awaiting defendant's proofs, (S. D. Ohio, E. D.), Westinghouse Co. v. Ohio Mining & Mfg. Co., not reported.
- 807,967 Cultivator, E. Rosenbaum, Dec. 19, 1905, valid on demurrer, (C. C. N. D. Ga.), 165 F. 214; void, (C. C. A. 5th Cir.), 236 F. 238.
- 807,990 Process for hulling seed, W. T. Ball, Dec. 19, 1905, assignment to receiver directed, (C. C. D. So. Car.), 168 F. 304; void, (C. C. A. 4th Cir.), 210 F. 278.
- 808,224 Process of filling shoe bottoms, A. Thoma, Dec. 26, 1905, void, (C. C. A. 1st Cir.), 227 F. 63.
- 808,227 Shoe filling apparatus, W. B. Arnold, Dec. 26, 1905, void, (C. C. A. 1st Cir.), 227 F. 63.
- 808,442 Peanut picker, Ferguson and Benthall, Dec. 26, 1905, valid and infringed, (D. C. E. D. Va.), 222 F. 918.

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- 809,582 Machine for peeling vegetables, Henry Robinson, Jan. 9, 1906, claims 1, 2 and 3 not infringed, (C. C. A. 3d Cir.), 191 F. 723; valid and infringed on motion for preliminary injunction, (D. C. S. D. N. Y.), 212 F. 958; valid and infringed on motion for preliminary injunction, (D. C. W. D. N. Y.), 214 F. 985.
- 809,996 System of electrical distribution, C. P. Steinmetz, Jan. 16, 1906, bill alleging contributory infringement dismissed, (C. C. W. D. Pa.), 186 F. 637.

TABLE I—CHRONOLOGICAL LIST.

- 810,098 Corn husker, Theo. P. Walter, Jan. 16, 1906, claim 9, void, (C. C. A. 8th Cir.), 182 F. 811.
- 810,109 Vacuum governor, R. Conrader, Jan. 16, 1906, void, (D. C. W. D. N. Y.), 226 F. 207; void, (C. C. A. 2nd Cir.), 238 F. 349.
- 810,240 See Reissue 12,744.
- 810,578 Knitting machine, B. T. Steber, Jan. 23, 1906, valid, claim 8 infringed, (D. C. N. D. N. Y.), 217 F. 796.
- 811,183 Typewriter, B. C. Stickney, Jan. 30, 1906, valid and infringed as to claims 1, 2, 3, 6, 7 and 8, not infringed as to claims 9 and 10, (C. C. A. 6th Cir.), 224 F. 489.
- 811,211 Amusement railway, A. E. W. Frazer, Jan. 30, 1906, not infringed, (C. C. S. D. N. Y.), 180 F. 773.
- 811,518 Brick machine, O. Nolan, Jan. 30, 1906, on exceptions to master's report, modified and confirmed, (C. C. D. Minn. 4th Div.), 181 F. 526.
- 811,758 Induction motor control, A. H. Armstrong, Feb. 6, 1906, entitled to priority, (D. C. N. D. N. Y.), 199 F. 907; affirmed, (C. C. A. 2nd Cir.), 207 F. 75.
- 811,813 Valve, E. V. Anderson, Feb. 6, 1906, motion for preliminary injunction granted, (C. C. W. D. Pa.), 177 F. 723.
- 811,859 Electric resistance element, A. L. Marsh, Feb. 6, 1906, valid and infringed, (D. C. N. D. Ill. E. D.), 212 F. 422; valid and infringed, (C. C. A. 7th Cir.), 224 F. 464.
- 812,183 Telegraph key, W. O. Coffe, Feb. 13, 1906, not infringed, (C. C. S. D. N. Y.), 153 F. 588; valid, claim 11 infringed, claims 12, 13, 16, 18, 19, 21, 23 and 25 to 28 not infringed, (C. C. A. 2nd Cir.), 160 F. 663.
- 812,279 Automatic engine stop, N. C. Locke, Feb. 13, 1906, held to not infringe 509,334. (C. C. A. 2nd Cir.), 160 F. 79.
- 812,377 Door mechanism for cold storage room, S. P. Stevenson, Feb. 13, 1906, claims 1, 2, 3 and 7 void, claims 4 and 5 not infringed, (C. C. A. 3rd Cir.), 205 F. 286.
- 812,920 Anatomical footwear, H. P. Cole, Feb. 20, 1906, void, (D. C. S. D. N. Y.), 220 F. 342; void, (C. C. A. 2nd Cir.), 223 F. 1021.
- 812,976 See Reissue 13,361.
- 813,815 Rotary engine, R. S. McIntosh, Feb. 27, 1906, claim 2 void, (D. C. W. D. Pa.), 219 F. 899.

TABLE I—CHRONOLOGICAL LIST.

- 813,841** Method of treating cement, M. Toch, Feb. 27, 1906, void, (C. C. A. 2nd Cir.), 231 F. 711; void on rehearing, (C. C. A. 2nd Cir.), 233 F. 993.
- 814,067** Silo, C. W. McClure, Mar. 6, 1906, void, (D. C. E. D. Wis.), 219 F. 234; valid and infringed, (C. C. A. 7th Cir.), 236 F. 731.
- 814,642** Stitch-forming mechanism for sewing machines, C. A. Dearborn, March 6, 1906, infringes claims 3, 12 to 17, 20, 22 and 23 of 705,326, and claims 1 and 2 of 639,669, (C. C. A. 2d Cir.), 185 F. 503.
- 814,786** Talking machine, E. R. Johnson, Mar. 13, 1906, not infringed, (C. C. A. 2nd Cir.), 229 F. 999.
- 814,803** Concrete mixing machine, E. L. Ransome, Mar. 13, 1906, claims 2, 3, 5 and 7 valid, infringed, (C. C. S. D. N. Y.), 165 F. 914; void, anticipated by 661,847, (C. C. A. 2nd Cir.), 177 F. 413.
- 815,698** Cultivator or harrow, E. Haiman, Mar. 20, 1906, valid on demurrer, (C. C. N. D. Ga.), 165 F. 214; void, (C. C. A. 5th Cir.), 236 F. 238.
- 815,756** Electrical control, F. J. Sprague, Mar. 20, 1906, claims 9 and 10 infringed, claim 1 not infringed, (D. C. N. D. Ill., E. D.), 234 F. 926.
- 815,890** Electric signaling system, S. M. Young, Mar. 20, 1906, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.
- 815,891** Electric signaling system, S. M. Young, Mar. 20, 1906, held to infringe 819,322 and 819,323, (C. C. S. D. N. Y.), 180 F. 456.
- 815,914** Window lifter, N. R. Evans, Mar. 20, 1906, claims 1, 4, 5 and 6 valid and infringed, (C. C. A. 7th Cir.), 215 F. 586.
- 816,059** Gas tank, P. C. Avery, Mar. 27, 1906, title involved, (C. C. E. D. Wis.), 164 F. 60.
- 817,199** Door frame, S. P. Stevenson, Apr. 10, 1906, void, (C. C. A. 3rd Cir.), 205 F. 286.

TABLE I—CHRONOLOGICAL LIST.

- 817,438** Regulation of furnaces, E. McLean, Apr. 10, 1906, order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 220 F. 673; valid and infringed, (D. C. S. D. N. Y.), 226 F. 779; valid and infringed, (C. C. A. 2nd Cir.), 226 F. 949; petition for leave to file supplemental bill and for rehearing denied, (C. C. A. 2nd Cir.), 226 F. 1024.
- 817,867** Telephone switchboard supervisory signaling system, F. R. McBerty, Apr. 17, 1906, held valid and infringed June 21, 1910, (C. C. D. Ind.), Western Electric Co. v. Sterling Electric Co., for compl., Barton, Tanner & Folk, for dft., Brown & Williams; J. S. McHugh; not reported; evidence insufficient to overcome judgments of Patent Office and Ct. of App. D. C. in interference proceedings, (C. C. A. 7th Cir.), 177 F. 224.
- 818,253** Incandescent lamp socket, W. J. Jones, Apr. 17, 1906, not infringed, (D. C. E. D. Pa.), 226 F. 488; claim 1 void, (C. C. A. 3rd Cir.), 232 F. 722.
- 818,386** Reinforced concrete arch or bridge, D. B. Luten, Apr. 17, 1906, valid and infringed, (C. C. E. D. Ill. July 19, 1910), Daniel B. Luten v. Mercantile Bridge and Concrete Tile Co., for plf. F. H. Drury, for dft. J.B.Mann and W. H. Clinton, not reported; validity not attacked on demurrer, (C. C. D. N. J.), 189 F. 405; valid and infringed, Luten v. O'Connel, (C. C. D. Mass., April 24, 1911), not reported; valid and infringed, Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911), not reported; valid and infringed, Luten v. Adams Co., (C. C. S. D. Miss., Dec. 9, 1911), not reported; bill dismissed, (D. C. M. D. Pa.), 206 F. 175.
- 818,402** Pneumatic tire plug. D. Apstein, Apr. 24, 1906, infringes 602,743 and 632,540, (C. C. A. 2nd Cir.), 178 F. 91.
- 818,526** Fire escape, C. F. Davy, Apr. 24, 1906, held to not infringe 835,985, (C. C. N. D. N. Y.), 168 F. 295.
- 818,603** Door hanger, William P. Benson, April 24, 1906, claims 5, 6, 7, 16 and 17 valid and infringed, (C. C. W. D. Pa.), 192 F. 130.

TABLE I—CHRONOLOGICAL LIST.

- 818,639** Brake shoe mechanism, W. G. Price, Apr. 24, 1906, construed and held not infringed, (D. C. W. D. Pa.), 211 F. 667; not infringed, (C. C. A. 3rd Cir.), 219 F. 222.
- 818,734** Ball bearing, E. Blin, Apr. 24, 1906, infringes 822,723, (C. C. A. 3rd Cir.), 219 F. 723.
- 818,897** Current controlling device for telephone circuits, R. H. Manson, Apr. 24, 1906, held to not infringe 722,212, (C. C. N. D. Ohio, E. D.), 168 F. 549.
- 819,187** Hay stacker, O. P. Vroom, May 1, 1906, infringes claims 1, 2, 4 and 12 of 608,653, (C. C. A. 8th Cir.), 208 F. 549.
- 819,322** Block signaling system for electric railways, J. B. Struble, May 1, 1906, valid and infringed, (C. C. S. D. N. Y.), 180 F. 456; claims 4, 11, 12, 13 and 15 not infringed, (D. C. D. Me.), 228 F. 709.
- 819,323** Block signaling system for electric railways, J. B. Struble, May 1, 1906, valid and infringed, (C. C. S. D. N. Y.), 180 F. 456.
- 819,373** Ice cream dipper, A. P. Olmstead, May 1, 1906, claim 1 infringed by 833,620, (D. C. N. D. N. Y.), 207 F. 825; (C. C. A. 2nd Cir.), 218 F. 637.
- 819,488** Toilet paper fixture, H. J. Williams, May 1, 1906, order of temporary injunction by District Court reversed, (C. C. A. 8th Cir.), 232 F. 153.
- 819,548** Fabric folding machine, Isaacs and Pellar, May 1, 1906, valid and infringed by 1,102,555, (D. C. E. D. N. Y.), 235 F. 403.
- 819,605** Staking machine, W. R. Scott, May 1, 1906, held to infringe 457,331, 623,423, and 538,914, (C. C. E. D. Pa.), 158 F. 987.
- 819,652** Pavement, W. E. Hassam, May 1, 1906, valid and infringed, (D. C. D. Ore.), 215 F. 114; valid and infringed, (C. C. A. 9th Cir.), 227 F. 436.
- 819,682** Toilet paper fixture, H. J. Williams, May 1, 1906, order of temporary injunction by District Court reversed, (C. C. A. 8th Cir.), 232 F. 153.
- 819,832** Electrical distribution, J. L. Woodbridge, May 8, 1906, denied priority in interference, 33 App. D. C. 490.

TABLE I—CHRONOLOGICAL LIST.

- 820,076** Panel switch and cut-out, J. H. Trumbull, May 8, 1906, void, (C. C. D. Conn.), 168 F. 709; decree of court below holding this patent void affirmed, (C. C. A. 2nd Cir.), 178 F. 1005.
- 820,347** See Reissue 13,093.
- 820,350** Telephone trunk line signaling system, M. S. Conner, May 8, 1906, held valid and infringed Feb. 3, 1909, (C. C. N. D. Ohio, E. D.), Western Electric Co. v. Dean Electric Co., for compl., D. C. Tanner, Barton & Folk; for dft., Brown & Williams, not reported.
- 820,507** Wire winding machine, M. E. Layne, May 15, 1906, claims 11 to 17 valid and infringed, (C. C. A. 5th Cir.), 179 F. 120.
- 820,879** Combined calculating and typewriting machine, Langanke & Smith, May 15, 1906, priority denied as to claims 3, 4, 135 and 136.
- 820,899** Shredded wheat biscuit, W. E. Williams, May 15, 1906, does not interfere with design patent 25,318, (C. C. A. 7th Cir.), 163 F. 252.
- 821,192** Artificial teeth, C. Rauhe, May 22, 1906, not void on face, (D. C. E. D. Pa.), 196 F. 54.
- 821,306** Lamp shade, O. A. Mygatt, May 22, 1906, valid and infringed, (C. C. S. D. N. Y.), 181 F. 399; not infringed, (C. C. S. D. N. Y.), 186 F. 343.
- 821,393** Flying machine, O. and W. Wright, May 22, 1906, valid and infringed on motion for preliminary injunction, (C. C. W. D. N. Y.), 177 F. 257; (C. C. S. D. N. Y.), 177 F. 261; preliminary injunction held not warranted, (C. C. A. 2nd Cir.), 180 F. 110; claims 3, 7, 14 and 15 valid and infringed, (D. C. W. D. N. Y.), 204 F. 597; valid and infringed, (C. C. A. 3rd Cir.), 211 F. 655.
- 821,580** Acteylene-gas generating lamp, F. E. Baldwin, May 22, 1906, valid and infringed, (C. C. D. Ill., April 4, 1911), Baldwin v. Bleser, not reported; Bleser v. Baldwin pending, (C. C. A. 7th Cir.), not reported; not infringed, (C. C. A. 7th Cir.), 199 F. 133; See also Reissue 13,542.

TABLE I—CHRONOLOGICAL LIST.

- 821,653 Well mechanism, M. E. Layne, May 29, 1906, claim 13 :
valid and infringed, (C. C. A. 5th Cir.), 195 F. 83;
claim 20 valid and infringed, claims 4 and 13 not in-
fringed, (C. C. A. 5th Cir.), 213 F. 804; order refus-
ing preliminary injunction affirmed, (C. C. A. 5th
Cir.), 222 F. 917.
- 821,779 Manure spreader, Theophilus Brown, May 29, 1906, does
not infringe No. 632,124, (C. C., D. Mass.), 172 F. 436.
- 822,185 Drier, G. E. Chamberlain, May 29, 1906, void, (C. C. A.
8th Cir.), 215 F. 110.
- 822,302 Amusement vehicle, R. F. Rice, June 5, 1906, not infring-
ed, (D. C. D. N. J.), 231 F. 763; void, (C. C. A. 3rd
Cir.), 231 F. 997.
- 822,561 Apparatus for making pneumatic tires, P. D. Thropp,
June 5, 1906, claims 1 and 2 void, (D. C. D. Mass.),
198 F. 125; (C. C. A. 1st Cir.), 203 F. 986; void, (C.
C. A. 2nd Cir.), 235 F. 290.
- 822,723 Ball bearing, R. Conrad, June 5, 1906, claims 2, 8 and 9
valid and infringed, (C. C. E. D. Pa.), 177 F. 435;
claims 8 and 9 not infringed, (D. C. E. D. Pa.), 209
F. 867; valid and infringed by 818,734, (C. C. A. 3rd
Cir.), 219 F. 723.
- 822,900 Force feed lubricator, J.F.McCanna, June 5, 1906, claims
2, 3 and 5 valid and infringed, (C. C. N. D. Ill. E. D.).
177 F. 709; valid and infringed, (C. C. A. 7th Cir.),
194 F. 112.
- 823,737 Window screen, G. W. McFarland, June 19, 1906, denied
priority in interference, 33 App. D. C. 445.
- 824,019 Track torpedo, W. D. Jackson, June 19, 1906, claims 2
and 3 void, (D. C. D. R. I.), 228 F. 909; claims 2 and
3 void, (C. C. A. 1st Cir.), 237 F. 197.
- 824,317 Molding machine, H. Tabor, June 26, 1906, valid and in-
fringed, (C. C. A. 7th Cir.), 219 F. 223.
- 824,637 Wireless telegraphy, L. De Forest, June 26, 1906, not
infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 824,871 Feeding device for grass twine machine, T. W. Jerrems,
July 3, 1906, claim 1 valid but not infringed, (D. C.
E. D. Wis.), 194 F. 878; (C. C. A. 7th Cir.), 213 F. 798.
- 824,898 Liquid cementing paint, H. Abraham, July 3, 1906, valid
but not infringed, (C. C. A. 2nd Cir.), 218 F. 373.

TABLE I—CHRONOLOGICAL LIST:

- 824,906 Process of making wood-alcohol, Harry O. Chute, July 3, 1906, motion to dismiss bill overruled, (C. C. E. D. Wis.), 185 F. 115.
- 824,908 Envelope, M. M. Cohn, July 3, 1906, valid and infringed, (C. C. A. 9th Cir.), 207 F. 547.
- 825,362 Article support for wardrobes, A. Vanderveld, July 10, 1906, not infringed, (C. C. A. 6th Cir.), 216 F. 341.
- 825,784 Automatic piano player, P. Welin, July 10, 1906, not void on face, (C. C. A. 7th Cir.), 207 F. 946.
- 825,856 Spark-plug, David B. Mills, July 10, 1906, claims 3 and 6 valid and infringed, (C. C. A. 2nd Cir.), 188 F. 73; order denying motion to punish for contempt affirmed, (C. C. A. 2nd Cir.), 207 F. 84.
- 826,112 Moving picture machine, N. Power, July 17, 1906, valid but not infringed, (D. C. S. D. N. Y.), 222 F. 933.
- 826,341 Fluid-pressure governor, G. Macloskie, July 17, 1906, claims 1, 2 and 3 valid and infringed, (C. C. D. N. J.), 190 F. 165.
- 826,349 Method of regulation of furnaces, E. McLean, July 17, 1906, order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 220 F. 673; valid and infringed, (D. C. S. D. N. Y.), 226 F. 779; valid and infringed, (C. C. A. 2nd Cir.), 226 F. 949; petition for leave to file supplemental bill and for rehearing denied, (C. C. A. 2nd Cir.), 226 F. 1024.
- 826,593 Linotype mechanism, M. W. Morehouse, July 24, 1906, not infringed, (D. C. S. D. N. Y.), 229 F. 168; not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 827,595 Underreamer for use in drilling oil and gas wells, E. C. Wilson, July 31, 1906, valid, infringed as to claims 9 and 19, not infringed as to claims 2, 4, 8, 10, 11, 12, 13, 14, 15, 16 and 17, (D. C. S. D. Cal., S. D.), 237 F. 847.
- 827,809 See Reissue 12,675.
- 828,153 Valve for radiators, Byron E. Van Auken, Aug. 7, 1906, claims 1, 2, 3 and 4 valid, not infringed by 959,297, (C. C. N. D. Ill., E. D.), 187 F. 141; valid but not infringed, (C. C. A. 7th Cir.), 199 F. 123.

TABLE I—CHRONOLOGICAL LIST.

- 828,761** Shafting for caissons, Moran and Doty, Aug. 14, 1906, claims 1, 2, 4, 5, 6, 7, 10 and 11 valid and infringed, (C. C. A. 2nd Cir.), 228 F. 515.
- 828,769** Grate, J. E. Parkison, Aug. 14, 1906, held not to infringe 778,749, (C. C. A. 8th Cir.), 178 F. 819.
- 828,861** Shafting for caissons, Moran and Doty, Aug. 14, 1906, claims 1, 4, 5, 7, 9, 17, 18 and 19 valid and infringed, (C. C. A. 2nd Cir.), 228 F. 515.
- 829,105** Process of regulating the temperature of combustion in gas-producers, Henry L. Doherty, Aug. 21, 1906, claims 7, 10 and 13 valid and infringed, petition for rehearing denied, (C. C. D. Mass.), 190 F. 155.
- 829,631** Washing machine, Cramer & Haak, Aug. 28, 1906, claims 1 and 2 to 6 valid, infringed, (C. C. M. D. Pa.), 163 F. 296; claims 1, 3, 4, 5 and 6 valid and infringed, (C. C. A. 3rd Cir. 1909), 169 F. 629.
- 829,728** Draft-rigging for railway cars, J. F. O'Connor, Aug. 28, 1906, claims 5, 6 and 7 valid and infringed, (D. C. W. D. N. Y.), 238 F. 806.
- 829,752** Inkwell, F. M. Ashley, Aug. 28, 1906, merits not discussed, (C. C. S. D. N. Y.), 181 F. 840; all claims void, (C. C. A. 2d Cir.), 189 F. 357.
- 829,780** Electrical transformer, W. A. Hall, Aug. 26, 1906, void, (C. C. A. 3rd Cir.), 195 F. 280.
- 829,911** Conveying mechanism, Delaney & Lambert, Aug. 28, 1906, held to not infringe 480,029, (C. C. A. 3rd Cir.), 154 F. 372.
- 830,206** Holder for tape, R. H. Chase, Sept. 4, 1906, awarded priority in interference on reissue application, 37 App. D. C. 179.
- 830,436** Linotype mechanism, T. S. Homans, Sept. 4, 1906, claim 7 infringed, (D. C. S. D. N. Y.), 229 F. 168; claim 7 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 830,446** Graphophone reproducer, T. H. Macdonald, Sept. 4, 1906, claims 4 and 5 not infringed, (D. C. S. D. N. Y.), 234 F. 344.
- 830,483** Concrete reinforcement, D. B. Luten, Sept. 4, 1906, demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151; claim 18 not infringed, (C. C. A. 8th Cir.), 234 F. 880.

TABLE I—CHRONOLOGICAL LIST.

- 830,644 Grain drill, F. E. Davis, Sep. 11, 1906, held to not infringe 659,881, (C. C. W. D. Wis.), 160 F. 504.
- 830,645 Grain drill, F. E. Davis, Sep. 11, 1906, held to not infringe 659,881, (C. C. W. D. Wis.), 160 F. 504.
- 830,808 Tube cleaner, A. H. Swartz, Sept. 11, 1906, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578.
- 831,178 Grate, W. McClave, Sept. 18, 1906, void, (D. C. M. D. Pa.), 212 F. 442; valid and infringed, (C. C. A. 3rd Cir.), 220 F. 144.
- 831,188 Phonograph tone-regulator, E. M. Robinson, Sep. 18, 1906, valid, infringed, (C.C.N.D.Ill.,E.D.), 156 F.585.
- 831,337 Apparatus for washing out and refilling locomotive boilers, F. A. Gale, Sept. 18, 1906, valid and infringed, (D. C. N. D. Ill., E. D.), 226 F. 951.
- 831,450 Wood preservation, C. B. Lowry, Sept. 18, 1906, awarded priority in interference, 37 App. D. C. 311.
- 831,501 Candy pulling machine, H. M. Dickinson, Sep. 18, 1906, preliminary injunction denied, (C. C. N. D. N. Y.), 154 F. 82; decree (154 F. 82) reversed, (C. C. A. 2nd Cir.), 159 F. 428; claim 1 valid and infringed, claim 2 valid but not infringed, (D. C. D. Md.), 208 F. 1005; claim 1 valid and infringed, (C. C. A. 4th Cir.), 219 F. 753.
- 831,668 Method of duplicating phonograms, Maurice Joyce, Sept. 25, 1906, claims 3, 4 and 6 not infringed, (C. C. S. D. W. Va.), 184 F. 75.
- 831,815 Connector for electrical conductors, P. F. Williams, Sept. 25, 1906, void, (D. C. E. D. Pa.), 225 F. 61; valid and infringed, (C. C. A. 3rd Cir.), 231 F. 728.
- 832,002 Shoe bottom filler, A. Thoma, Sept. 25, 1906, valid and infringed, (C. C. A. 1st Cir.), 227 F. 63.
- 832,114 Abrasive apparatus, O. C. Wysong, Oct. 2, 1906, void, (D. C. N. D. W. Va.), 221 F. 680.
- 832,384 Candy pulling machine, H. L. Hildreth, Oct. 2, 1906, demurrers overruled, (C. C. W. D. Texas, San Antonio D.), 162 F. 40; claim 4 void, (D. C. D. Md.), 204 F. 792; (C. C. A. 4th Cir.), 213 F. 788; claim 4 void, (D. C. S. D. N. Y.), 223 F. 545; not infringed, (C. C. A. 2nd Cir.), 223 F. 651.

TABLE I—CHRONOLOGICAL LIST.

- 832,896** Amplifying horn for talking machines, W. N. Dennison, Oct. 9, 1906, void, (C. C. E. D. Pa.), 168 F. 554; motion for leave to file supplemental bill granted, (C. C. E. D. Pa.), 173 F. 617; void, (C. C. A. 3rd Cir.), 178 F. 455.
- 833,423** Dust collecting or absorbing substance, Berthold Singer, Oct. 16, 1906, void, (C. C. A. 8th Cir.), 185 F. 267.
- 833,620** Ice cream spoon, R. Nielsen, Oct. 16, 1906, infringes claim 1 of 819,373, (D. C. N. D. N. Y.), 207 F. 825; (C. C. A. 2nd Cir.), 218 F. 637.
- 834,932** Grate, J. E. Parkison. Nov. 6, 1906, held not to infringe 778,749, (C. C. A. 8th Cir.), 178 F. 819.
- 835,120** Process of ore concentration, Sulman, Picard & Ballot, Nov. 6, 1906, valid and infringed, (D. C. D. Mont.), 207 F. 956; void, (C. C. A. 9th Cir.), 214 F. 100; on motion concerning bond, (D. C. D. Mont.), 237 F. 401; petition for writ of certiorari granted, (U. S. Sup. Ct.), 235 U. S. 701; decree (214 F. 100) reversed, (U. S. Sup. Ct.), 242 U. S. 261; claims 1 and 12 infringed, claim 9 void, (D. C. D. Del.), 237 F. 609.
- 835,189** Process for making lace paper, B. Karfiol, Nov. 6, 1906, valid and infringed, (C. C. E. D. N. Y.), 165 F. 923; preliminary injunction denied, (C. C. E. D. N. Y.), 151 F. 777.
- 835,190** Paper cutting machine, B. Karfiol, Nov. 6, 1906, preliminary injunction denied, (C. C. E. D. N. Y.), 151 F. 777; not infringed, (C. C. E. D. N. Y.), 165 F. 923.
- 835,283** Apparatus for perforating or dividing paper, B. Karfiol, Nov. 6, 1906, preliminary injunction denied, (C. C. E. D. N. Y.), 151 F. 777; infringed, (C. C. E. D. N. Y.), 165 F. 923.
- 835,717** Concrete filled iron columns, G. F. Thorn, Nov. 13, 1906, claims 2, 3, 4 and 5 valid and infringed, claim 1 void, (D. C. E. D. N. Y.), 225 F. 55; invalid, (C. C. A. 2nd Cir.), 238 F. 200.
- 835,843** Feed mechanism for drying apparatus, H. Baetz, Nov. 13, 1906, validity not adjudicated, bill dismissed for want of equity, (D. C. E. D. Mo., E. D.), Schoenlau, et al. v. Baetz, not reported; appeal pending, (C. C. A. 8th Cir.), not reported; void, (C. C. A. 8th Cir.), 197 F. 40.

TABLE I—CHRONOLOGICAL LIST.

- 835,850 Envelope, M. M. Cohn, Nov. 13, 1906, valid and infringed, (C. C. A. 9th Cir.), 207 F. 547; decree imposing fine for contempt, (D. C. D. Conn.), 221 F. 79; motion to dismiss granted, (D. C. D. Conn.), 229 F. 576.
- 835,985 Fire escape, J. C. Sharp, Nov. 13, 1906, preliminary injunction denied, (C. C. N. D. N. Y.), 155 F. 139; claims 1 and 7 not infringed by 818,526, (C. C. N. D. N. Y.), 168 F. 295.
- 836,070 Wireless telegraphy, L. De Forest, Nov. 13, 1906, not infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 836,843 Revolving door, T. Van Kannel, Nov. 27, 1906, claims 1, 2, 13 and 14 void, (C. C. A. 2nd Cir.), 219 F. 741; claims 1 and 2 void, claim 13 if valid not infringed, (C. C. A. 6th Cir.), 231 F. 166.
- 837,017 Pyrophoric alloy, C. A. Von Welsbach, Nov. 27, 1906, infringed by 967,775, (D. C. S. D. N. Y.), 214 F. 410; valid on motion for preliminary injunction, (D. C. S. D. N. Y.), 214 F. 414; motion for preliminary injunction granted, (D. C. S. D. N. Y.), 215 F. 126; infringed by 967,775, (C. C. A. 2nd Cir.), 219 F. 210.
- 837,087 Saw mill apparatus, G. W. Loggie, Nov. 27, 1906, claims 1, 2, 3, 4 and 5 void, claims 6, 7 and 8 valid and infringed by one form of apparatus but not by another, (D. C. W. D. Wash.), 194 F. 158.
- 837,188 Drive-gearing for automobile speed indicating mechanism, A. B. Cadman, Nov. 27, 1906, void, (C. C. A. 7th Cir.), 185 F. 507.
- 837,226 Linotype mechanism, T. S. Homans, Nov. 27, 1906, claims 1 and 9 not infringed, (D. C. S. D. N. Y.), 229 F. 168.
- 837,616 Wireless telegraphy, H. H. C. Dunwoody, Dec. 4, 1906, motion to strike out counterclaim overruled, (D. C. E. D. N. Y.), 206 F. 295.
- 837,841 Car structure, F. Jerdone, Dec. 4, 1906, awarded priority in interference, 34 App. D. C. 163.
- 838,155 Method of decorating pottery, J. W. Young, Dec. 11, 1906, void, (C. C. A. 6th Cir.), 200 F. 258.
- 838,303 Method of manufacturing and assembling ball bearings. R. Conrad, Dec. 11, 1906, claim 1 valid and infringed, (C. C. E. D. Pa.), 177 F. 435.

TABLE I—CHRONOLOGICAL LIST.

- 838,379 Draft gearing, S. P. Bush, Dec. 11, 1906, void, (C. C. A. 7th Cir.), 220 F. 300.
- 838,394 Relief device for water systems, L. W. Eggleston, Dec. 11, 1906, claims 6, 7 and 8 valid and infringed, (C. C. A. 7th Cir.), 199 F. 147.
- 838,455 Valve, R. H. Rice, Dec. 11, 1906, awarded priority in interference, 38 App. D. C. 175.
- 838,767 Thill coupling, C. C. Bradley, Dec. 18, 1906, does not infringe 662,050, (C. C. A. 3rd Cir.), 202 F. 757.
- 838,916 Inductive bond. Louis H. Thullen, Dec. 18, 1906, awarded priority in interference, 32 App. D. C. 575.
- 839,071 Machine for heating surfaces, G. H. Lutz, Dec. 18, 1906, claims 1, 2, 3 and 5 not infringed if conceded validity, (D. C. W. D. Mo.), 197 F. 920; decree of lower court reversed, (C. C. A. 8th Cir.), 211 F. 1019.
- 839,356 Process for dividing diamonds, S. Wood, Dec. 25, 1906, void, (C. C. S. D. N. Y.), 189 F. 399; void, (C. C. A. 2nd Cir.), 198 F. 403.
- 839,363 Process of graining, F. M. Clapp, Dec. 25, 1906, void, (D. C. N. D. Ohio, E. D.), 211 F. 676; (C. C. A. 6th Cir.), 215 F. 902.
- 839,390 Cartridge stop for magazine gun, T. C. Johnson, Dec. 25, 1906, preliminary injunction granted, (C. C. A. 7th Cir.), 203 F. 493.
- 839,655 See Reissue 12,757.

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- 839,996 Apartment house with disappearing bed, Lawrence Holmes, Jan. 1, 1907, void because the subject-matter is not patentable, (C. C. A. 9th Cir.), 182 F. 324; writ of error denied May 29, 1911.
- 840,224 Arch and analogous structure, Daniel B. Luten, Jan. 1, 1907, valid and infringed, Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911), not reported; valid and infringed, Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911), not reported.
- 840,522 Spring cushion, E. O. Stotts, Jan. 8, 1907, not infringed, (C. C. A. 6th Cir.), 229 F. 398; petition for rehearing denied, (C. C. A. 6th Cir.), 232 F. 468.

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- 841,253 Decreasing leakage in turbines, O. Junggren, Jan. 15, 1907, bill filed July 12, 1909, case at issue Apr. 19, 1910, (W. D. N. Y.), General Electric Co. v. City of Dunkirk, not reported.
- 841,386 Wireless telegraphy, L. De Forest, Jan. 15, 1907, not infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 842,262 Concrete mixing machine, R. Z. Snell, Jan. 29, 1907, claims 1 and 2 valid and infringed, (D. C. W. D. N. Y.), 230 F. 169.
- 842,827 Starter for motor cars, C. J. Coleman, Jan. 29, 1907, claims 2, 3, 7 and 9 valid but not infringed, (D. C. S. D. N. Y.), 220 F. 927; claims 2, 3, 7 and 9 valid and infringed, (C. C. A. 2nd Cir.), 229 F. 719.
- 842,897 Talking machine, T. H. McDonald, Feb. 5, 1907, not infringed, (C. C. A. 2nd Cir.), 235 F. 137.
- 843,457 Planter, W. H. Holsclaw, Feb. 5, 1907, judgment below sustaining demurrer affirmed, (C. C. A. 7th Cir.), 174 F. 147.
- 843,729 Crusher and pulverizer, M. F. Williams, Feb. 12, 1907, claims 1 and 2 not infringed, (C. C. E. D. Pa.), 176 F. 576; claims 1 and 2 valid and infringed, (C. C. A. 3d Cir.), 185 F. 805.
- 843,971 Refuse-burner, Clifton D. Stevens, Feb. 12, 1907, claims 1 and 2 void, (C. C. A. 6th Cir.), 186 F. 631.
- 844,190 Paper box machine, Rowell & Little, Feb. 12, 1907, valid but not infringed, (D. C. W. D. N. Y.), 216 F. 780.
- 844,504 Apparatus for regulating combustion in furnaces, Henry L. Doherty, Feb. 19, 1907, claim 3 valid and infringed, petition for rehearing denied, (C. C. D. Mass.), 190 F. 155.
- 844,973 Concrete filled iron column, G. F. Thorn, Feb. 19, 1907, claims 6, 10, 11 and 17 valid and infringed, (D. C. E. D. N. Y.), 225 F. 55; invalid, (C. C. A. 2nd Cir.), 238 F. 200.
- 844,974 Concrete filled iron column, G. F. Thorn, Feb. 19, 1907, claims 16 and 17 valid and infringed, (D. C. E. D. N. Y.), 225 F. 55; invalid, (C. C. A. 2nd Cir.), 238 F. 200.
- 845,223 Extension bed, W. L. Edwards, Feb. 26, 1907, motion for inspection denied, (D. C. N. D. N. Y.), 197 F. 760.

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- 845,224** Paper making machine, W. Eibel, Feb. 26, 1907, motion for inspection of machine and for samples of product denied, (D. C. N. D. N. Y.), 197 F. 760; void, (D. C. N. D. N. Y.), 226 F. 766; claims 1, 2 and 3 valid and infringed, (C. C. A. 2d Cir.), 234 F. 624.
- 845,240** Typewriter, E. G. Kunath, Feb. 26, 1907, not infringed, (C. C. A. 2d Cir.), 224 F. 477.
- 845,528** Controller for electric motors, W. Cooper et al., Feb. 26, 1907, decided July 6, 1906, in favor of
(Intf. No. 24,559), Perkins v. Cooper & Johnson.
- 845,696** See Reissue 12,924.
- 846,600** See Reissue 12,688.
- 847,139** Means for producing aerial gymnastic performances, J. J. Williams, March 12, 1907, claims 1, 2, 4, 5, 6 and 7 void, (C. C. N. D. Ill., E. D.), 188 F. 439.
- 847,415** Typewriting machine, E. G. Latta, Mar. 19, 1907, priority denied as to claim 18.
- 847,637** Method of making wire glass, A. J. Baldwin, Mar. 19, 1907, void, (C. C. W. D. Pa.), 168 F. 90.
- 847,811** Suspender buckle, Morris Peller, Mar. 19, 1907, claims 1, 2, 4, 5 and 6 valid and infringed, (C. C., E. D. N. Y.), 172 F. 672; valid and infringed, (C. C. A. 2d Cir.), 183 F. 120.
- 847,947** Apparatus for removing dust, D. T. Kenney, March 19, 1907, decision on motion to join trustee in bankruptcy as joint defendant, The Vacuum Cleaner Co. v. American Vacuum Cleaner Co., (C. C. A. 2d Cir., March 11, 1910), not reported; validity not attacked on demurrer, The Vacuum Cleaner Co. v. Frame, (C. C. A. 2d Cir., Dec. 7, 1911), not reported; motion to vacate preliminary injunction denied, (C. C. W. D. Pa.), 189 F. 754; preliminary injunction denied, (C. C. S. D. N. Y.), 198 F. 865 and 867; claims 1, 3 and 4 valid and infringed, claim 2 void, (D. C. S. D. N. Y.), 227 F. 998; valid, claim 4 infringed, (D. C. S. D. N. Y.), 234 F. 942.
- 847,948** Vacuum cleaner, D. T. Kenney, Mar. 19, 1907, preliminary injunction denied, (C. C. S. D. N. Y.), 198 F. 865, 198 F. 867; void, (D. C. S. D. N. Y.), 227 F. 998.

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- 848,140 Steering wheel for autovehicles, W. F. Towne, Mar. 26, 1907, void, (C. C. A. 9th Cir.), 199 F. 777.
- 848,301 Thin leaf or fabric, H. R. Gregory, Mar. 26, 1907, claim 2 valid and infringed, (C. C. A. 2nd Cir.), 218 F. 170; valid but not infringed, (C. C. A. 2nd Cir.), 234 F. 895; claim 2 not infringed, (D. C. S. D. N. Y.), 235 F. 294.
- 848,305 Sofa bed, Holmes, Bostrom and Bostrom, Mar. 26, 1907, valid, claims 2 and 4 infringed, (C. C. A. 7th Cir.), 234 F. 70.
- 848,338 Linotype mechanism, R. M. Bedell, Mar. 26, 1907, claim 4 not infringed, (D. C. S. D. N. Y.), 229 F. 168; claim 4 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 848,734 Package sealing device, C. B. Frost, Apr. 2, 1907, denied priority in interference, 37 App. D. C. 179.
- 848,883 Package roll of metallic leaf, W. H. Coe, Apr. 2, 1907, valid and infringed, (D. C. D. R. I.), 199 F. 435; not infringed, (C. C. A. 1st Cir.), 212 F. 720.
- 848,994 Electric junction and outlet box, Hoffman & Appleton, April 2, 1907, claims 1 to 4, void for lack of invention, (C. C. N. D. Ill., E. D.), 191 F. 985.
- 849,824 Apparatus for making concrete blocks, J. O. Winston, Apr. 9, 1907, void, (C. C. A. 2nd Cir.), 194 F. 123.
- 849,840 Elevator, C. Foster, Apr. 29, 1907, priority denied as to claims 1, 2, 3, 4, 5, 6, 8, 9, 15 and 17.
- 850,048 Building blocks, S. T. Playford, Apr. 9, 1907, cause remanded to District Court with directions to render a decree for plaintiffs, (C. C. A. 8th Cir.), 219 F. 213.
- 850,077 Coaster brake for bicycles, H. P. Townsend, Apr. 9, 1907, claims 19 and 25 to 30, valid and infringed, (C. C. A. 6th Cir.), 217 F. 775.
- 850,101 Drop for electric circuits, W. H. Robins, Apr. 9, 1907, valid and infringed, (C. C. D. Minn. 4th Div.), 181 F. 350.
- 850,681 Fire alarm, G. L. Smith, Apr. 16, 1907, claim 1 valid and infringed, (D. C. W. D. N. Y.), 221 F. 673; claim 1 valid and infringed, (C. C. A. 2nd Cir.), 224 F. 962.
- 850,936 Tennis-court marker, William A. Johnson, April 23, 1907, claims 2, 4 and 6 not infringed by 929,597, (C. C. D. N. J.), 190 F. 20.

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- 850,997 See Reissue 12,817.
- 851,054 Pneumatic conveyor, E. M. Bassler, Apr. 23, 1907, valid and infringed, (D. C. N. D. Ill., E. D.), 216 F. 637; not infringed, (C. C. A. 7th Cir.), 228 F. 40.
- 851,179 Machine for bundling scrap, D. B. Marwick, Apr. 23, 1907, not infringed, (C. C. A. 1st Cir.), 237 F. 87.
- 851,247 Waterproof Portland cement and process of making same, S. B. Newberry, Apr. 23, 1907, valid and infringed, (C. C. A. 7th Cir.), 222 F. 288.
- 851,276 Loose leaf binder, H. F. Bushong, Apr. 23, 1907, claims 36, 39, 46, 47, 48, 49, 50, 51 and 52 valid but not infringed, (C. C. A. 6th Cir.), 230 F. 120.
- 851,579 Facing for walls and other surfaces, Whitney & Weyand, April 23, 1907, valid on demurrer, (C. C. S. D. N. Y.), 188 F. 441.
- 851,625 Pavement, W. E. Hassam, Apr. 23, 1907, valid and infringed, (D. C. D. Ore.), 215 F. 114; valid and infringed, (C. C. A. 9th Cir.), 227 F. 436.
- 852,011 Extension-table lock, J. L. Arnold, April 30, 1907, does not infringe 675,577, (C. C. N. D. Ill., E. D.), 183 F. 593.
- 852,024 Apparatus for preparing pulverulent material for molding, G. J. Mashek, Apr. 30, 1907, priority denied as to claims 1, 2, 6, 7 and 10.
- 852,025 Process of preparing pulverulent materials for molding, G. J. Mashek, Apr. 30, 1907, priority denied as to claims 1, 2, 3, 4 and 5.
- 852,131 Excavator, W. R. Martin, Apr. 30, 1907, priority denied as to claim 1.
- 852,236 Apparatus for extraction of turpentine, M. McKenzie, Apr. 30, 1907, awarded priority in interference on reissue application, 38 App. D. C. 111.
- 852,400 Line locking mechanism for typewriters, A. Schneeloch, Apr. 30, 1907, held not to infringe claims 25, 27 and 28 of 633,672 nor claims 17, 18, 19 and 20 of 559,345, (C. C. S. D. N. Y.), 177 F. 230; does not infringe claims 25, 27 and 28 of 633,672, infringes claims 17, 18 and 20 but not claim 19 of 559,345, (C. C. A. 2d Cir.), 184 F. 329.

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- 852,450** Store front construction, F. J. Plym, May 7, 1907, valid and infringed on motion for preliminary injunction, (D. C. N. D. Ohio, E. D.), 210 F. 459; valid and infringed, (D. C. E. D. Mich., S. D.), 232 F. 362; valid and infringed, (C. C. A. 6th Cir.), 237 F. 364.
- 852,970** Bridge of concrete or other analogous material, Daniel B. Luten, May 7, 1907, held valid and infringed in six unreported decisions, as follows: Luten v. O'Connel, (C. C. D. Mass., Apr. 24, 1911); Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 25, 1911); Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911); Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911); Luten v. Rhoads & Knisely, (D. C. M. D. Pa., Jan. 20, 1912); Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911); claim 46 valid and infringed, (C. C. M. D. Pa.), 194 F. 169; demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.
- 852,971** Masonry and concrete structure, Daniel B. Luten, May 7, 1907, valid and infringed, Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 25, 1911), not reported; valid and infringed, Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911), not reported.
- 853,183** Concrete or similar arch, Daniel B. Luten, May 7, 1907, valid and infringed, Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911), not reported; demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151; claims 20 and 21 not infringed, (C. C. A. 8th Cir.), 234 F. 880.
- 853,202** Reinforced concrete arch or bridge, D. B. Luten. May 7, 1907, validity not attacked on demurrer, (C. C. D. N. J.), 189 F. 405; held valid and infringed in eight decisions, as follows: Luten v. Mercantile Bridge Co., (C. C. E. D. Ill., Aug. 1, 1910); Luten v. O'Connel, (C. C. D. Mass., Apr. 24, 1911); Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911); Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 28, 1911); Luten v. Alexander & Gerber, (C. C. D. Ind., June 21, 1911); Luten v. McCullough, (D. C. N. D. Iowa, Jan. 22, 1912); Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911); Luten v. Adams County, (C. C. S. D. Miss.,

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- Dec. 9, 1911); demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151; bill dismissed, (D. C. M. D. Pa.), 206 F. 175; bill dismissed, (D. C. D. Mass.), 206 F. 904.
- 853,203** Reinforced concrete arch or bridge, D. B. Luten, May 7, 1907, validity not attacked on demurrer, (C. C. D. N. J.), 189 F. 405; held valid and infringed in eight unreported decisions, as follows: Luten v. Adams County, (C. C. S. D. Miss., Dec. 9, 1911); Luten v. Mercantile Bridge Co., (C. C. E. D. Ill., Aug. 1, 1910); Luten v. O'Connel, (C. C. D. Mass., April 24, 1911); Luten v. Adams & Sullivan, (C. C. W. D. Ky., Oct. 25, 1911); Luten v. Alexander & Gerber, (C. C. D. Ind., June 21, 1911); Luten v. Western Bridge Co., (C. C. W. D. Mo., Oct. 1, 1911); Luten v. Cropper, (C. C. S. D. Ohio, June 28, 1911); Luten v. McCullough, (D. C. N. D. Iowa, Jan. 22, 1912); bill dismissed, (D. C. M. D. Pa.), 206 F. 175; bill dismissed, (D. C. D. Mass.), 206 F. 904; not infringed, (D. C. D. Kans., 2nd Div.), 217 F. 76; claims 6, 8, 9, 10 and 11 not infringed, (C. C. A. 8th Cir.), 234 F. 880.
- 853,204** Concrete arch, D. B. Luten, May 7, 1907, demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151; claim 18 not infringed, (C. C. A. 8th Cir.), 234 F. 880.
- 853,206** Curtain fastener, G. W. J. Murphy, May 7, 1907, invalid, (D. C. E. D. N. Y.), 214 F. 382.
- 853,522** Cable reel apparatus for mining locomotives, H. W. Shaver, May 14, 1907, denied priority in interference, 40 App. D. C. 274.
- 853,961** Garden hand plow, J. S. Click, May 21, 1907, does not infringe 764,051 and 792,703, (C. C. A. 4th Cir.), 237 F. 376.
- 854,215** Tire case, F. B. Hopewell, May 21, 1907, valid and infringed, (D. C. D. Mass.), 205 F. 757; void, (C. C. A. 1st Cir.), 212 F. 403.
- 854,670** Dust extracting machine, F. V. Schiodt, May 21, 1907, valid and infringed, (D. C. S. D. N. Y.), 204 F. 99; not infringed, (C. C. A. 2nd Cir.), 213 F. 40.
- 855,237** Belt tightening idler, G. S. Dunn, May 28, 1907, priority conceded as to claims 1, 2, 3 and 6.

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- 856,185 Water tube boiler, R. Sinclair et al., June 4, 1907, denied priority in interference, 34 App. D. C. 212.
- 856,492 Railway car truck, J. M. Rohlfing, June 11, 1907, awarded priority in interference, 34 App. D. C. 206.
- 856,801 Insulator, C. L. Peirce, Jr., June 11, 1907, claims 1 to 4 infringed, (C. C. N. D. Ill., E. D.), 189 F. 628.
- 856,998 Scale, F. P. Dunn, June 11, 1907, awarded priority in interference, 34 App. D. C. 132.
- 857,760 Water gas apparatus, J. M. Rusby, June 25, 1907, valid and infringed, (D. C. N. D. Ohio, E. D.), 211 F. 672; void, (C. C. A. 6th Cir.), 228 F. 684.
- 857,770 Candy pulling machine, C. Thibodeau, June 25, 1907, infringed, (D. C. S. D. N. Y.), 223 F. 545; infringed, (C. C. A. 2nd Cir.), 223 F. 651.
- 858,070 Burial crypt, W. I. Hood, June 25, 1907, void, (D. C. N. D. Ohio, W. D.), 197 F. 936; not void on its face, (C. C. A. 6th Cir.), 213 F. 225.
- 858,466 Marble-working machine, J. R. Peirce, July 2, 1907, withdrawal from bill noted, (C. C. E. D. Pa.), 189 F. 622.
- 858,924 Centering for reinforced concrete work, C. A. P. Turner, July 2, 1907, no testimony taken up to March 11, 1912, (D. C. E. D. Mo., E. D.), *Deslauriers et al. v. Higgins-Alkers Concrete Co. et al.*, not reported.
- 858,930 Sifter, J. Warrington, July 2, 1907, awarded priority in interference on certain claims and denied priority on other claims, 41 App. D. C. 568.
- 859,511 Concrete floor, L. H. Nolte, July 9, 1907, not void on its face, (C. C. A. 6th Cir.), 206 F. 666.
- 859,686 Process of making corrugated metal fasteners, E. S. Norton, July 9, 1907, valid and infringed, (D. C. N. D. Ill. E. D.), 206 F. 478.
- 860,053 Sheet piling, G. E. Nye, July 16, 1907, does not infringe claims 1 to 5 of 707,837, (C. C. A. 7th Cir.), 195 F. 757.
- 860,308 Plowshare, A. Lindgren, July 16, 1907, void, (C. C. A. 8th Cir.), 235 F. 519.
- 860,560 Fire extinguisher system, J. G. & J. D. Nolen, July 16, 1907, decree for complainant, (D. C. S. D. N. Y.), 228 F. 192.

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- 860,940 Safety deposit box lock, J. Roche, July 23, 1907, does not infringe 940,300, (D. C. N. D. Ill. E. D.), 212 F. 178; does not infringe 940,300, (C. C. A. 7th Cir.), 228 F. 1019.
- 861,197 Motor control, A. Sundh, July 23, 1907, void, (D. C. N. D. Ill., E. D.), 234 F. 926.
- 861,650 Pavement, W. E. Hassam, July 30, 1907, valid and infringed, (D. C. D. Ore.), 215 F. 114; valid and infringed, (C. C. A. 9th Cir.), 227 F. 436.
- 861,747 Advertising device, J. T. H. Mitchell, July 30, 1907, injunction to restrain defendant from sending out circulars refused, (C. C., S. D. N. Y.), 169 F. 145; on demurrer held not void, (C. C., S. D. N. Y.), 170 F. 91.
- 861,749 Advertising device, J. T. H. Mitchell, July 30, 1907, injunction to restrain defendant from sending out circulars refused, (C. C., S. D. N. Y.), 169 F. 145.
- 862,277 Spring for trolleys and harps, R. E. Noble, Aug. 6, 1907, valid and infringed, (No. 9, C. C. D. Ind.), Morgan Gardner Elec. Co. v. Hensley et al., G. S. Noble for complt., not reported.
- 862,830 Blind stitch sewing machine, J. G. Lewis, Aug. 6, 1907, valid but not infringed by 690,385, (D. C. N. D. Ill. E. D.), 208 F. 992; not infringed by 690,385, (C. C. A. 7th Cir.), 219 F. 557.
- 862,861 Drilling machine, J. S. Barnes, Aug. 6, 1907, void, (C. C. A. 2nd Cir.), 213 F. 636.
- 862,897 Expended sheet metal, W. D. Forsyth, Aug. 13, 1907, preliminary injunction denied, (D. C. W. D. N. Y.), 197 F. 946; not infringed, (D. C. W. D. N. Y.), 214 F. 393; valid but not infringed, (C. C. A. 2nd Cir.), 222 F. 514; mandamus refused, 42 App. D. C. 179.
- 863,120 Gearing for washing machines, A. F. Victor, Aug. 13, 1907, valid and infringed by 939,645, (C. C. A. 7th Cir.), 213 F. 471; claims 2 and 4 not infringed, (D. C. W. D. Wis.), 219 F. 247; claims 2 and 4 valid and infringed, (C. C. A. 7th Cir.), 230 F. 117.
- 863,365 Sofa-bed, R. Deimel, Aug. 13, 1907, does not infringe 624,591, 637,796 or Reissue 11,831, (C. C. N. D. Ill.), 188 F. 662.

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- 864,518 Heat regulating device, A. B. Cruikshank, Aug. 27, 1907, not entitled to priority over 883,183, (D. C. S. D. N. Y.), 198 F. 487.
- 864,951 Shoe sole nailing machine, L. A. Casgrain, Sept. 3, 1907, valid and infringed, (D. C. D. Me.), 235 F. 139.
- 865,064 Collapsible core for making pneumatic tires, W.C. State, Sept. 3, 1907, void, (D. C. D. Mass.), 224 F. 978.
- 865,141 Sulky plow, H. Wiard, Sept. 3, 1907, claims 1, 2, 4, 5, 7 and 8 infringed, (D. C. W. D. N. Y.), 233 F. 682.
- 865,171 Thermostatic controller, C. A. Dunham, Sept. 3, 1907, claim 3 construed and not infringed, (D. C. D. N. J.), 206 F. 168; (C. C. A. 3rd Cir.), 216 F. 991.
- 865,279 Knitted fabric, B. T. Steber, Sept. 3, 1907, valid, claims 3, 5 and 7 infringed, (D. C. N. D. N. Y.), 217 F. 796.
- 865,795 Tally card, E. D. McKenna, Sept. 10, 1907, not infringed, (D. C. E. D. N. Y.), 206 F. 677.
- 865,823 Apparatus for making molds for casting dental fillings, W. H. Taggart, Sept. 10, 1907, order of District Court dismissing bill affirmed, (C. C. A. 7th Cir.), 236 F. 544.
- 866,306 Switch for railroads, E. R. Robinson, Sept. 17, 1907, decree dismissing bill modified and affirmed, (C. C. A. 7th Cir.), 174 F. 40.
- 866,627 Grate, Crowe & Frankenheim, Sept. 24, 1907, decree for complainant, (D. C. D. N. J.), 213 F. 864.
- 867,510 Process of making fire retardent glass, C. J. Jungers, Oct. 1, 1907, held to infringe 791,217 and Reissue 12,443, (C. C. N. D. Ill., E. D.), 178 F. 977; held to infringe Reissue 12,443, but not to infringe 791,217, (C. C. A. 7th Cir.), 185 F. 788.
- 867,876 Wireless telegraphy, L. De Forest, Oct. 8, 1907, not infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 867,877 Wireless telegraphy, L. De Forest, Oct. 8, 1907, not infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 867,878 Wireless telegraphy, L. De Forest, Oct. 8, 1907, not infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 867,927 Folding miter box, W. M. Potter, Oct. 8, 1907, held to not infringe 622,190, (C. C. N. D. N. Y.), 160 F. 494.
- 868,299 Heating apparatus, C. H. Smith, Oct. 15, 1907, valid and infringed, (C. C. D. Minn. 4th Div.), 177 F. 239.

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- 870,760 Reinforced last, W. D. Baker, Nov. 12, 1907, valid and infringed, (D. C. D. N. J.), 204 F. 453; valid and infringed, (C. C. A. 3rd Cir.), 210 F. 167.
- 870,981 Vacuum cleaning apparatus, F. J. Matchette et al., Nov. 12, 1907, valid and infringed, (C. C. N. D. Ill. E. D.), 181 F. 380.
- 871,735 Elevator door, J. Rashkin, Nov. 19, 1907, preliminary injunction granted as against one party but denied as against another, (D. C. E. D. N. Y.), 194 F. 440; valid and infringed, (C. C. A. 2nd Cir.), 222 F. 293.
- 871,884 Trousers and belt fastener, P. C. Noetzel, Nov. 26, 1907, void, (D. C. S. D. N. Y.), 195 F. 776.
- 872,795 Double walled vessel, R. Burger, Dec. 3, 1907, void, (C. C. S. D. N. Y.), 202 F. 508.
- 872,892 Spare-tire holder, F. E. Bowers, Dec. 3, 1907, not void on its face on demurrer, (C. C. D. Conn.), 189 F. 81; void, (C. C. D. Conn.), 197 F. 56.
- 872,895 Gas lamp, C. A. Campbell, Dec. 3, 1907, not invalidated by dedication, (C. C. S. D. N. Y.), 175 F. 115; infringed by 907,626, (C. C. S. D. N. Y.), 175 F. 117.
- 872,978 Method of making molds for cast dental inlays, W. H. Taggart, Dec. 3, 1907, valid and infringed, Taggart v. Boynton, (Sup. Ct. D. C., Feb. 8, 1912), not reported; invalid, 40 App. D. C. 82; order of District Court dismissing bill affirmed, (C. C. A. 7th Cir.), 236 F. 544.
- 873,166 Transformer, L. C. Nichols, Dec. 10, 1907, does not infringe 591,869, (D. C. D. N. J.), 197 F. 558.
- 873,399 Heating and ventilating system for automobiles, N. W. Williams, Dec. 10, 1907, claim 1 valid and infringed, (D. C. W. D. N. Y.), 216 F. 914; not infringed, (C. C. A. 6th Cir.), 235 F. 131.
- 873,544 Automobile fender, R. W. Harroun, Dec. 10, 1907, preliminary injunction denied, (C. C. N. D. Ill., E. D.), 164 F. 195; valid and infringed, (C. C. N. D. Ill., E. D.), 203 F. 1001.
- 873,669 Hydraulic swivel, Johnston & Norris, Dec. 10, 1907, hearing Jan. 16, 1912, (D. C. E. D. Texas), not reported; not infringed, (C. C. A. 5th Cir.), 201 F. 1021.

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- 873,805** Controller for electric motor, E. W. Stull, Dec. 17, 1907, does not infringe claim 6 of 554,276, (C. C. D. N. J.), 193 F. 58.
- 873,908** Horn for talking machines, A. G. Soistmann, Dec. 17, 1907, claim 3 not infringed, (C. C. E. D. Pa.), 173 F. 312; not infringed, (C. C. A. 3rd Cir.), 180 F. 980.
- 874,060** Adding attachment for typewriters, H. L. Fisher, Dec. 17, 1907, priority denied as to claims 13 and 16.
- 874,174** Turbine, Elliott & Faber, Dec. 17, 1907, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578; void, (D. C. W. D. Pa.), 222 F. 946; valid and infringed, (C. C. A. 3rd Cir.), 230 F. 604.
- 874,201** Machine for sealing bottles &c., J. V. Hull, Dec. 17, 1907, valid and infringed, (D. C. S. D. N. Y.), 232 F. 156.
- 874,792** Electric horn, Chasles, Requillart and Contal, Dec. 24, 1907, void, (C. C. A. 2nd Cir.), 234 F. 341.
- 875,218** Gas burner, E. Rudd, Dec. 31, 1907, void, (D. C. S. D. N. Y.), 200 F. 440; (C. C. A. 2nd Cir.), 205 F. 372.
- 875,314** Machine for sewing filled sacks, J. Bigelow, Dec. 31, 1907; not infringed by 768,111, (D. C. E. D. Pa.), 236 F. 246.
- 875,339** Machine for sewing filled sacks, C. H. Foster, Dec. 31, 1907, not infringed by 768,111, (D. C. E. D. Pa.), 236 F. 246.

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- 876,058** Railway motor velocipede, W. S. Hovey, Jan. 7, 1908, claims 14, 16, 18, 20, 23, 24, 30, 32, 35, 36, 38, 39 and 41 valid but not infringed by 914,845, (C. C. N. D. Ill. E. D.), 177 F. 713; claims 14, 16, 18, 20, 23, 24, 30, 32, 35, 36, 38, 39 and 41 void, (C. C. A. 7th Cir.), 187 F. 847.
- 876,087** Stone-cutting machine, J. R. Pierce, Jan. 7, 1908, claims 1 to 4 void, (C. C. E. D. Pa.), 189 F. 622.

TABLE I—CHRONOLOGICAL LIST.

- 876,933** Bifocal lens, John L. Borsch, Jr., Jan. 21, 1908, order enjoining complainant from bringing other suits reversed, (C. C. A. 8th Cir.), 190 F. 767; valid and infringed, (D. C. W. D. Mo. W. D.), 207 F. 85; valid and infringed on motion for preliminary injunction, (C. C. A. 2nd Cir.), 214 F. 983; valid and infringed, (C. C. A. 8th Cir.), 214 F. 368.
- 876,991** Hoisting pulley, H. A. Myers, Jan. 21, 1908, decree of lower court dismissing bill affirmed, (C. C. A. 7th Cir.), 215 F. 594; decree (215 F. 594) reversed, (U. S. Sup. Ct.), 242 U. S. 202.
- 877,035** See Reissue 12,855.
- 877,588** Sheet piling, G. E. Nye, Jan. 28, 1908, does not infringe claims 1 to 5 of 707,837, (C. C. A. 7th Cir.), 195 F. 757.
- 878,081** Vehicle-spring, C. A. Meredith, Feb. 4, 1908, not infringed, (C. C. A. 8th Cir.), 183 F. 124.
- 878,305** Dynamo for electric car lighting, McGary & Jepson, Feb. 4, 1908, decree (189 F. 382) modified and affirmed, (C. C. A. 2nd Cir.), 194 F. 866.
- 878,340** Loose leaf binder, H. F. Bushong, Feb. 4, 1908, claims 13, 14 and 24 valid and infringed, claims 18, 22 and 23 valid but not infringed, claim 19 void, (C. C. A. 6th Cir.), 230 F. 120.
- 878,403** Manufacture of cellular boards, S. M. Langston, Feb. 4, 1908, claims 1, 3 and 4 infringed, claims 2, 5 and 6 not infringed, (D. C. S. D. N. Y.), 237 F. 380.
- 878,774** Garden hand plow, C. R. Coffman, Feb. 11, 1908, does not infringe 764,051 and 792,703, (C. C. A. 4th Cir.), 237 F. 376.
- 878,995** Apparatus for inverting tubular fabrics, William B. Palmer, Feb. 11, 1908, claims 1, 2, 3, 5, 6, 7 and 8 not infringed, (C. C. N. D. N. Y.), 186 F. 496; claim 1 infringed, claims 7 and 8 not infringed by 960,227, (C. C. A. 2nd Cir.), 192 F. 42; motion for preliminary injunction denied, (D. C. N. D. N. Y.), 203 F. 1003; order denying preliminary injunction reversed, (C. C. A. 2nd Cir.), 210 F. 452.
- 879,195** See Reissue 13,574.

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- 879,965 Staple forming and discharging mechanism, V. Hoxie, Feb. 25, 1908, claims 2, 3, 7, 9 and 12, valid and infringed, (D. C. E. D. Mich.), 226 F. 774; claims 2, 3, 7 and 12 valid and infringed, (C. C. A. 6th Cir.), 228 F. 691.
- 880,020 Vault lining, J. L. Grass, Feb. 25, 1908, not infringed, C. C. D. Minn., 4th Div.), 181 F. 350; not infringed, (C. C. A. 8th Cir.), 209 F. 845.
- 880,410 Combined carton and display device, J. B. Singer, Feb. 25, 1908, claims 2, 3 and 4 valid and infringed, (D. C. S. D. N. Y.), 227 F. 462; claims 2, 3 and 4 valid and infringed, (C. C. A. 2nd Cir.), 227 F. 1022; claims 1, 2, 3 and 4 valid and infringed, (D. C. E. D. N. Y.), 233 F. 266.
- 880,707 Composition for making duplicate phonograph records, J. W. Aylsworth, Mar. 3, 1908, preliminary injunction granted, (C. C. W. D. Mich., S. D.), 188 F. 925.
- 881,411 Tire case, A. H. Kinder, May 10, 1908, valid and infringed, (D. C. D. Mass.), 205 F. 757; void, (C. C. A. 1st Cir.), 212 F. 403.
- 881,743 Dynamo suspension, W. I. Thomson, Mar. 10, 1908, void, (D. C. W. D. N. Y.), 222 F. 318.
- 883,183 Heat regulating device, Elliott & Stanton, Mar. 31, 1908, entitled to priority over 864,518, also valid and infringed, (D. C. S. D. N. Y.), 198 F. 487.
- 883,283 Draft regulator, F. H. Brown, Mar. 31, 1908, motion to dismiss appeal in interference granted, 43 App. D. C. 457.
- 883,552 Clutch mechanism for automobiles, C. R. Mabley et al., Mar. 31, 1908, claims 1, 2, 4, 5, 6, 7, 8, 11, 12 and 13 not infringed, (C. C. S. D. N. Y.), 177 F. 693; affirmed, (C. C. A. 2d Cir.), 185 F. 518.
- 883,959 Bottling machine, L. Jensen, Apr. 7, 1908, priority denied as to claims 2 and 3.
- 883,973 Lamp bracket, E. M. Rosenbluth, Apr. 7, 1908, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; not infringed, (D. C. S. D. N. Y.), 201 F. 930; claims 7, 8 and 10 not infringed, (C. C. A. 3rd Cir.), 208 F. 564.

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- 884,335 Envelope machine, T. W. Kienast, Apr. 7, 1908, does not infringe 893,105, (C. C. S. D. N. Y., Nov. 1913), not reported.
- 884,347 Typewriting machine, C. E. Yetman, Apr. 7, 1908, priority denied as to claims 48 and 53.
- 884,567 Double walled vessel, Reinhold Burger, April 14, 1908, claims 1 and 2 not infringed, (C. C., S. D. N. Y.), 171 F. 670; not infringed, (C. C. A. 2nd Cir.), 178 F. 552.
- 884,979 Jewel bar, H. W. Fishel, Apr. 14, 1908, infringed, (C. C. A. 2nd Cir.), 204 F. 790.
- 885,181 Automobile buffer, J. H. Sager, Apr. 21, 1908, void, (C. C. A. 2nd Cir.), 203 F. 996.
- 885,450 Apparatus for separating solids from saccharine solutions, E. W. Deming, Apr. 21, 1908, not infringed, (C. C. A. 5th Cir.), 224 F. 956.
- 886,490 Garment form, H. Frankel, May 5, 1908, not infringed, (C. C. A. 2nd Cir.), 218 F. 641.
- 886,541 Rail for railroads, E. R. Robinson, May 5, 1908, decree dismissing bill modified and affirmed, (C. C. A. 7th Cir.), 174 F. 40.
- 886,580 Poultry feeder and exerciser, W. M. Conner, May 5, 1908, claims 1, 7 and 16 valid and infringed, (D. C. S. D. N. Y.), 217 F. 72.
- 886,739 Device for focusing the lens of photographic cameras, W. Thorner, May 5, 1908, priority denied as to claims 1 and 2.
- 886,886 Knit fabric, R. J. Steiner, May 5, 1908, valid and infringed, (D. C. D. Conn.), 227 F. 115.
- 887,610 Skirt, W. & S. Epstein, May 12, 1908, claims 3 and 4 not infringed, (D. C. S. D. N. Y.), 229 F. 756.
- 887,838 Machine for making closures for bottles and the like, W. Painter, May 19, 1908, preliminary injunction denied, (C. C. E. D. N. Y.), 190 F. 323; claims 2 and 6 valid and infringed, (D. C. E. D. N. Y.), 201 F. 344; motion to vacate preliminary injunction denied, (D. C. E. D. N. Y.), 206 F. 679; not infringed, (C. C. A. 2nd Cir.), 211 F. 650.
- 887,883 Apparatus for the manufacture of bottle-closures, W. H. Wheeler, May 19, 1908, preliminary injunction denied, (C. C. E. D. N. Y.), 190 F. 323; claims 1, 4, 7, 23 and

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- 27 valid and infringed, (D. C. E. D. N. Y.), 201 F. 344; motion to vacate preliminary injunction denied, (D. C. E. D. N. Y.), 206 F. 679; valid and infringed, (C. C. A. 2nd Cir.), 211 F. 650; claims 1, 4, 6, 7, 23, 24, 25, 26 and 27 not infringed, (D. C. D. Del.), 217 F. 891; claims 1, 4, 6, 7, 23, 24, 25, 26 and 27 not infringed, (C. C. A. 3rd Cir.), 227 F. 51.
- 887,995** Process of putting metal facing on wood, A. Beryle, May 19, 1908, valid and infringed, (C. C. N. D. Cal.), 181 F. 692; valid and infringed, (C. C. A. 9th Cir.), 195 F. 516.
- 887,997** Vehicle tire, E. B. Cadwell, May 19, 1908, claims 7, 9, 10, 13, 14 and 15 not infringed, (C. C. A. 2nd Cir.), 224 F. 967.
- 888,402** Linotype mechanism, T. S. Homans, May 19, 1908, claim 14 not infringed, (D. C. S. D. N. Y.), 229 F. 168; claim 14 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.
- 888,984** Apparatus for rifling pipes or tubes, C. Fell, May 26, 1908, valid and infringed, (C. C. A. 6th Cir.), 216 F. 507.
- 889,094** Code message, M. Berardini, May 26, 1908, void, (C. C. S. D. N. Y.), 190 F. 329; (C. C. A. 2nd Cir.), 200 F. 1021.
- 889,095** Code message, M. Berardini, May 26, 1908, not infringed, (C. C. S. D. N. Y.), 190 F. 329; 200 F. 1021.
- 889,845** Simulating precious stones, W. D. & R. W. Denton, June 2, 1908, not void on face, (C. C. A. 2nd Cir.), 225 F. 537.
- 889,857** Electric furnace, A. J. Petersson, June 2, 1908, priority denied as to claims 1 and 6.
- 890,220** Electromagnetic signal controlling device, H. M. Crane, June 9, 1908, priority denied as to claims 1 and 9.
- 890,224** Dump car, F. Ditchfield, June 9, 1908, claims 4, 5 and 9 valid and infringed, (C. C. A. 7th Cir.), 228 F. 122.
- 890,401** Peanut stemmer, J. T. Benthall, June 9, 1908, valid and infringed, (D. C. E. D. Va.), 222 F. 918.
- 890,555** Radiator return-trap, Canfield & Van Auken, June 9, 1908, not infringed by 959,297, (C. C. N. D. Ill., E. D.), 187 F. 141.

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- 890,582 Sewing machine, R. G. Woodward, June 9, 1908, not infringed, (D. C. D. N. J.), 215 F. 598; valid and infringed by 933,032, (C. C. A. 3rd Cir.), 227 F. 858.
- 890,896 Process of soldering chain links, M. Fessler, June 16, 1908, motion to strike out interrogatories sustained, (D. C. D. R. I.), 232 F. 617.
- 890,968 Process of treating wounds in trees, J., M. L., and J. A. Davey, June 16, 1908, claims 3 to 7 valid and infringed, (D. C. D. N. J.), 197 F. 178.
- 891,776 Vibrator, J. B. Kirby, June 23, 1908, claims 9 and 13 valid and infringed, (C. C. A. 7th Cir.), 230 F. 430.
- 892,394 Fruit-paring machine, William H. Boutell, July 7, 1908, claims 8 to 12 valid and infringed, (C. C. W. D. N. Y.), 185 F. 525.
- 892,461 Mailing-folder, R. G. Stevens, July 7, 1908, infringes claims 1 and 7 of Reissue 12,675, (C. C. N. D. Ill., E. D.), 183 F. 782; does not infringe claims 1 and 7 of Reissue 12,675, (C. C. A. 7th Cir.), 220 F. 455.
- 892,668 Wall bed, C. R. Jordan, July 7, 1908, not infringed, (D. C. N. D. Cal., Feb. 7, 1912), Marshall & Stearns Co. et al. v. Murphy et al., not reported; not infringed by 1,007,596, (C. C. A. 9th Cir.), 199 F. 772.
- 892,999 Liners for centrifugal bowls for separating cream from milk, F. Ljungstrom, July 14, 1908, claims 4, 5, 6, 7 and 8 void, (C. C. A. 8th Cir.), 194 F. 423.
- 893,087 Saw guard, John Murray, July 14, 1908, claim 3 void, claims 1, 2 and 4, not infringed, (C. C. W. D. Washington, N. D.), 181 F. 843.
- 893,105 Envelope machine, W. D. Slater, July 14, 1908, not infringed by 884,335, (C. C. S. D. N. Y., Nov. 1913), not reported; valid, claims 5 and 15 infringed, (C. C. A. 2nd Cir.), 223 F. 327; claims 5, 14 and 15 valid and infringed on motion for preliminary injunction, (D. C. E. D. Pa.), 236 F. 940.
- 893,182 Adding machine, C. O. Mapel, July 14, 1908, priority denied as to claims 10, 11, 12, 13, 14, 16, 18, 19 and 20.
- 893,253 Process for recovering spirits from used casks, L. Lange, July 14, 1908, not void on its face, (C. C. A. 7th Cir.), 177 F. 219

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- 893,533 System of electrical lighting, J. F. McElroy, July 14, 1908, not infringed, (D. C. W. D. N. Y.), 237 F. 646.
- 893,853 Vacuum cleaner, Dunn & Locke, July 21, 1908, valid and infringed, (D. C. S. D. N. Y.), 202 F. 967; valid and ipfringed, (C. C. A. 2nd Cir.), 209 F. 219; application to recall mandate granted, (C. C. A. 2nd Cir.), 218 F. 991.
- 894,170 Telephone repeater system, N. G. Warth, July 21, 1908, priority denied as to claims 1, 2, 3, 4, 5, 6, 12, 16, 19, 20, 22 and 23.
- 894,487 Voltaic or primary battery, E. G. Dodge, July 28, 1908, valid and infringed, (D. C. S. D. N. Y.), 198 F. 495; (C. C. A. 2nd Cir.), 202 F. 223.
- 894,733 Shoe and process of making the same, W. R. Green, July 28, 1908, valid and infringed, (D. C. N. D. N. Y.), 205 F. 745; claims 1, 6 and 11 invalid, claims 2, 3, 4, 5, 8, 9 and 10 valid and infringed, (C. C. A. 2nd Cir.), 210 F. 164.
- 895,400 Motor control system, C. D. Gilpin, Aug. 4, 1908, awarded priority in interference, 39 App. D. C. 428.
- 895,781 Water-cooler, J. Newell, Aug. 11, 1908, claims 12, 13, 14 and 15 valid and infringed, (D. C. D. Mass.), 199 F. 440; supplemental bill dismissed, (D. C. D. Mass.), 207 F. 769.
- 895,782 Water-cooler, J. Newell, Aug. 11, 1908, claims 1, 3 and 7 valid and infringed, (D. C. D. Mass.), 199 F. 440; supplemental bill dismissed, (D. C. D. Mass.), 207 F. 769.
- 896,059 Record for talking machines, E. R. Johnson, Aug. 11, 1908, claims 2, 3, 4, 8, 14 and 23 valid and infringed, (C. C. S. D. N. Y.), 189 F. 359.
- 896,365 Gas washing apparatus, A. Ernst, Aug. 18, 1908, order granting preliminary injunction modified, (C. C. A. 3rd Cir.), 208 F. 990; valid and infringed, (D. C. W. D. Pa.), 212 F. 434; valid as against defendants and infringed, (C. C. A. 3rd Cir.), 219 F. 898.
- 897,018 Knife guard for meat-slicing machines, A. Roest, Aug. 25, 1908, void, (C. C. A. 7th Cir.), 227 F. 442.
- 897,274 Imitation jewel, W. D. & R. W. Denton, Sept. 1, 1908, not void on face, (C. C. A. 2nd Cir.), 225 F. 537.

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- 897,513 Toaster, C. Andrews, Sept. 1, 1908, valid and infringed, (D. C. W. D. Pa.), 199 F. 798.
- 898,237 Radiator for automobiles, Long & Wright, Sept. 8, 1908, claims 1, 2 and 3 valid, claims 1 and 2 infringed, claim 3 not infringed, (C. C. W. D. N. Y.), 192 F. 566.
- 898,907 Vehicle tire, T. J. Mell, Sept. 15, 1908, void, (C. C. A. 2nd Cir.), 197 F. 549; void, (C. C. A. 7th Cir.), 212 F. 170.
- 899,196 Sanitary protector, A. M. Aiken, Sept. 22, 1908, not infringed, (C. C. A. 7th Cir.), 211 F. 338.
- 899,224 Hydraulic elevator, T. Larsson, Sept. 22, 1908, not infringed, (C. C. A. 2nd Cir.), 200 F. 766.
- 899,439 Ribbed knitted web, R. W. Scott, Sept. 22, 1908, claims 2 and 4 valid and infringed, (C. C. N. D. N. Y.), 190 F. 47; claims 2 and 4 valid and infringed, (C. C. A. 2nd Cir.), 194 F. 99.
- 899,468 Auto spring repairer, W. R. Petze, Sept. 22, 1908, void, (C. C. S. D. N. Y.), 196 F. 52.
- 899,583 Gas pump or compressor, R. Whitaker, Sept. 29, 1908, valid and infringed, (D. C. S. D. N. Y.), 221 F. 639; valid and infringed, (C. C. A. 2nd Cir.), 222 F. 916.
- 899,874 Talking machine, T. Kraemer, Sept. 29, 1908, not infringed, (D. C. S. D. N. Y.), 234 F. 344.
- 899,886 Coke oven, T. J. Mitchell, Sept. 29, 1908, void, (C. C. A. 3rd Cir.), 231 F. 131.
- 899,927 Bottle washing machine, T. L. Valerius, Sept. 29, 1908, priority denied as to claims 1, 2 and 28.
- 900,062 Process of gas washing, A. Ernst, Sept. 29, 1908, order granting preliminary injunction modified, (C. C. A. 3rd Cir.), 208 F. 990; valid and infringed, (D. C. W. D. Pa.), 212 F. 434; valid as against defendants and infringed except as to claim 5, (C. C. A. 3rd Cir.), 219 F. 898.
- 900,541 Dental appliance, E. E. Holmes, Oct. 6, 1908, valid and infringed by 984,796, (D. C. N. D. Ill. E. D.), 206 F. 66.
- 901,222 Valve, E. V. Anderson, Oct. 13, 1908, motion for preliminary injunction granted, (C. C. W. D. Pa.), 177 F. 723.
- 901,462 Time register, A. A. Newman, Oct. 20, 1908, decree of District Court dismissing bill affirmed, (C. C. A. 7th Cir.), 234 F. 339.

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- 901,815 Chock attachment for log cars, J. A. McConnell, Oct. 20, 1908, not infringed by 1,066,795, (C. C. A. 9th Cir.), 230 F. 444.
- 902,452 Davit supporting means for boats, J. E. Robbins, Oct. 27, 1908, valid and infringed, (D. C. D. Md.), 220 F. 943.
- 903,007 Water heater, E. Rudd, Nov. 3, 1908, valid and infringed as to claims 3, 5 and 6, not infringed as to claim 10, (D. C. S. D. N. Y.), 200 F. 426; (C. C. A. 2nd Cir.), 205 F. 375.
- 903,973 Device for testing plumbing and pipes, G. W. Heiland, Nov. 17, 1908, claim 2 void, anticipated by 382,172, (C. C. D. N. J.), 189 F. 630.
- 904,317 Machine for folding and pressing blanks for collars and cuffs, G. J. Dormandy, Nov. 17, 1908, valid and infringed as to claims 10 and 15 on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.
- 904,370 Disk insulator, L. Steinberger, Nov. 17, 1908, denied priority, (D. C. E. D. N. Y.), 208 F. 699; (C. C. A. 2nd Cir.), 214 F. 781.
- 906,099 Pipe coupling, W. S. Burgess, Dec. 8, 1908, void, (C. C. N. D. Ill., E. D.), 194 F. 165; (C. C. A. 7th Cir.), 203 F. 484.
- 906,396 Stock trough, Drake and Hall, Dec. 8, 1908, bill dismissed, (C. C. A. 7th Cir.), 220 F. 905.
- 906,498 Shunt or electrical resistance, Edward Weston, Dec. 8, 1908, motion for preliminary injunction granted, (C. C., E. D. Pa.), 169 F. 659.
- 907,407 See Reissue 12,933.
- 907,586 Wire-bound box, E. E. Flora, Dec. 22, 1908, valid but not infringed, (D. C. N. D. Ill.), 238 F. 929.
- 907,626 Gas lamp, J. Miller, Dec. 22, 1908, held to infringe 872,895, (C. C. S. D. N. Y.), 175 F. 117.
- 907,748 Chewing gum, J. D. Darling, Dec. 29, 1908, preliminary injunction granted, (D. C. E. D. Pa.), 210 F. 456.
- 908,236 Gas burner, R. C. Frampton, Dec. 29, 1908, infringes 761,409, (C. C. A. 2nd Cir.), 205 F. 372.
- 908,271 Peanut picker and stemmer, W. R. Jones, Dec. 29, 1908, void, (D. C. E. D. Va.), 222 F. 918.

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- 908,649 Tool for twisting wire tires, J. P. Curry, Jan. 5, 1909, claims 2 and 3 infringed, (C. C. A. 6th Cir.), 230 F. 422.
- 908,681 Flax felt, J. E. Lappen, Jan. 5, 1909, preliminary injunction granted, (D. C. D. Minn., 1st Div.), 199 F. 793.
- 908,818 Punching press, G. P. Thomas, Jan. 5, 1909, does not infringe 701,544, (D. C. W. D. Pa.), 204 F. 93.
- 908,861 Apparatus for disintegrating ores and other materials, H. W. Hardinge. Jan. 5, 1909, motion by defendants to require complainants to take further proofs on its prima facie case, or that the bill be dismissed, (C. C. S. D. N. Y.), 182 F. 848; claim 5 valid and infringed, (C. C. A. 2nd Cir.), 195 F. 936.
- 908,910 Dress form, C. A. Ufford, Jan. 5, 1909, claims 3 and 4 not infringed, (C. C. A. 2nd Cir.), 213 F. 341.
- 909,847 Graining compound, F. M. Clapp, Jan. 12, 1909, void, (D. C. N. D. Ohio, E. D.), 211 F. 676; (C. C. A. 6th Cir.), 215 F. 902.
- 910,865 Poultry car, W. M. Ryan et al., Jan. 26, 1909, held to infringe 539,299, (C. C. N. D. Ill. N. D.), 182 F. 841.
- 912,511 Air brake valve, W. V. Turner, Feb. 16, 1909, valid and infringed, (D. C. D. N. J.), 195 F. 282.
- 912,512 Air brake valve, W. V. Turner and J. S. Custer, Feb. 16, 1909, claims 13, 15 and 16 void, (D. C. D. N. J.), 195 F. 282.
- 912,526 Can, J. U. Barr, Feb. 16, 1909, valid and infringed, (at law, C. C. S. D. N. Y.), *Handy Pail Co. v. Stein & Feigen*, for plaintiff *F. Warren Wright*, for *dft. Munn & Co.*, not reported.
- 912,802 Water softening apparatus, W. M. Bruce, Feb. 16, 1909, bill of complaint dismissed, (No. 7318, D. C. D. Ind.), *Kennicott Co. v. Holt Ice & Cold Storage Co.*, not reported; claim 5 valid and infringed, (C. C. A. 7th Cir.), 230 F. 157.
- 913,614 Strip-serving apparatus for moistening and delivering gummed tape for binding packages, E. L. Brownson, Feb. 23, 1909, void, (C. C. A. 2nd Cir.), 233 F. 998.

TABLE I—CHRONOLOGICAL LIST.

- 914,303 Dividing marble slabs, J. R. Pierce, March 2, 1909, claims 1 to 3 void, (C. C. E. D. Pa.), 189 F. 622.
- 914,426 Rod packing ring, C. W. G. King, Mar. 9, 1909, claim 1 valid but not infringed, (D. C. N. D. Ill., E. D.), 220 F. 171; valid and infringed by 1,095,163, (C. C. A. 7th Cir.), 236 F. 739.
- 914,845 Velocipede, M. L. Jenkins, Mar. 9, 1909, held not to infringe claims 14, 16, 18, 20, 23, 24, 30, 32, 35, 36, 38, 39 and 41 of 876,058, (C. C. N. D. Ill. E. D.), 177 F. 713.
- 915,063 Battery plate, C. W. Bender, Mar. 16, 1909, priority denied as to claims 1, 2, 3 and 4.
- 915,205 Metal car roof, P. H. Murphy, Mar. 16, 1909, void, 38 App. D. C. 582.
- 916,361 See Reissue 13,163.
- 916,812 Incandescent electric lamp socket, A. & J. Weber, Mar. 30, 1909, claims 1, 2, 3, 8, 13 and 14 valid and infringed, (D. C. S. D. N. Y.), 204 F. 79; claim 2 void, claims 1, 3, 8, 13 and 14 valid and infringed, (C. C. A. 2nd Cir.), 212 F. 950.
- 916,981 Parallel operation of rotary converters and storage batteries, E. J. Berg, Apr. 6, 1909, awarded priority in interference, 40 App. D. C. 577.
- 917,185 Apparatus for purifying air, W. E. Taylor, Apr. 6, 1909, plea of defendant overruled, (C. C. D. Mass.), 180 F. 115; void, (C. C. D. Mass.), 186 F. 846; not invalid on account of public use or sale, (C. C. A. 1st Cir.), 195 F. 498.
- 917,541 Electric railway switch, R. V. Cheatham, Apr. 6, 1909, charge of court held not erroneous, (C. C. A. 2nd Cir.), 194 F. 963; valid and infringed, (D. C. E. D. N. Y.), 203 F. 285; decree affirmed, (C. C. A. 2nd Cir.), 209 F. 229; motion for preliminary injunction denied, (D. C. E. D. N. Y.), 226 F. 495; motion by complainant for decree denied, (D. C. E. D. N. Y.), 229 F. 165.
- 918,049 See Reissue 13,421.
- 918,247 Abrasive apparatus, O. C. Wysong, Apr. 13, 1909, void, (D. C. N. D. W. Va.), 221 F. 682.

TABLE I—CHRONOLOGICAL LIST.

- 918,306 Method of wireless signaling, R. A. Fessenden, Apr. 13, 1909, claims 1 and 3 valid and infringed, (C. C. A. 3rd Cir.), 208 F. 679; order granting preliminary injunction affirmed, (C. C. A. 3rd Cir.), 215 F. 104; claims 1 and 3 void, (D. C. S. D. N. Y.), 230 F. 829.
- 918,307 Apparatus for wireless signaling, R. A. Fessenden, Apr. 13, 1909, claims 1, 2, 3 and 4 valid and infringed, (C. C. A. 3rd Cir.), 208 F. 679; claims 1, 2, 3 and 4 void, (D. C. S. D. N. Y.), 230 F. 829.
- 919,109 Seining apparatus, A. Yancey, Apr. 20, 1909, valid and infringed, (C. C. A. 5th Cir.), 230 F. 641.
- 919,369 Vacuum cleaner, Dunn and Locke, Apr. 27, 1909, valid and infringed, (D. C. S. D. N. Y.), 202 F. 967; infringed except as to claims 2, 3, 4 and 5, (C. C. A. 2nd Cir.), 209 F. 219; application to recall mandate granted, (C. C. A. 2nd Cir.), 218 F. 991.
- 919,638 Idler pulleys for belt conveyors, T. Robins, Apr. 27, 1909, claims 3 and 4 void, claims 1, 2 and 5 not infringed, (C. C. A. 2nd Cir.), 233 F. 1005.
- 919,996 Electric signaling system, Young and Townsend, Apr. 27, 1909, priority denied as to claims 11, 12 and 13.
- 920,107 Apparatus for drawing glass articles from a mass of molten glass, R. H. Bolin, May 4, 1909, denied priority in interference, 39 App. D. C. 134.
- 920,490 Panel board for electrical power distribution, A. C. McWilliams, May 4, 1909, patent sustained and injunction granted as to claims 1, 5, 6, 9 and 10, (No. 30,617, D. C. N. D. Ill. E. D.), A. C. McWilliams v. Beachey & Lawlor, not reported; claims 1, 5, 6, 9 and 10 valid and infringed, (C. C. A. 7th Cir.), 224 F. 717.
- 921,494 See Reissue 13,125.
- 921,584 See Reissue 13,432.
- 921,632 Portable pneumatic pumping apparatus, J. W. Smith, May 11, 1909, motion to strike off plea sustained, (C. C. E. D. Pa.), 173 F. 318.
- 921,728 Cutter chain, R. E. Noble, May 19, 1909, valid and infringed, (No. 9, W. D. Pa.), Morgan Gardner Elec. Co. v. Brarburn Steel Co., G. S. Noble for complt., not reported.

TABLE I—CHRONOLOGICAL LIST.

- 921,837 Ice cream freezer, Hoefler & Schantz, May 18, 1909, valid and infringed, (D. C. W. D. N. Y.), 216 F. 192.
- 922,144 Warping machine, N. A. Hover, May 18, 1909, claims 1, 8 and 9 void, claims 2 and 3 not infringed, (C. C. D. N. J.), 193 F. 73.
- 923,048 Automobile horn, M. R. Hutchinson, May 25, 1909, preliminary injunction denied, (C. C. E. D. N. Y.), 193 F. 658; preliminary injunction denied, (D. C. D. R. I.), 198 F. 130; valid and infringed, (D. C. E. D. N. Y.), 212 F. 192; the broad claims void and the more specific claims not infringed if valid, (C. C. A. 2nd Cir.), 216 F. 146; claims 17, 24 and 27 void, (C. C. A. 2nd Cir.), 221 F. 634.
- 923,049 Automobile horn, M. R. Hutchinson, May 25, 1909, preliminary injunction denied, (C. C. E. D. N. Y.), 193 F. 658; preliminary injunction denied, (D. C. D. R. I.), 198 F. 130; valid and infringed, (D. C. E. D. N. Y.), 212 F. 192; the broad claims void and the more specific claims not infringed if valid, (C. C. A. 2nd Cir.), 216 F. 146; claim 22 void, (C. C. A. 2nd Cir.), 221 F. 634.
- 923,058 Bridge or arch of concrete or other analogous materials, D. B. Luten, May 25, 1909, not invalid on its face on demurrer, (C. C. D. N. J.), 189 F. 405; valid and infringed, Luten v. O'Connel, (C. C. D. Mass., April 24, 1911), not reported; valid and infringed, Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911), not reported.
- 923,122 Automobile horn, M. R. Hutchinson, May 25, 1909, preliminary injunction denied, (C. C. E. D. N. Y.), 193 F. 658; preliminary injunction denied, (D. C. D. R. I.), 198 F. 130; valid and infringed, (D. C. E. D. N. Y.), 212 F. 192; the broad claims void and the more specific claims not infringed if valid, (C. C. A. 2nd Cir.), 216 F. 146; claim 47 void, (C. C. A. 2nd Cir.), 221 F. 634.
- 923,235 Bedstead, G. Adams, June 1, 1909, void, (D. C. N. D. Ill. E. D.), 216 F. 626; void, (C. C. A. 7th Cir.), 237 F. 371.

TABLE I—CHRONOLOGICAL LIST.

- 923,501 Bottle labeling machine, E. Ermold, June 1, 1909, does not infringe 705,832; 937,403 or 941,178, (C. C. A. 1st Cir.), 214 F. 354.
- 923,534 Neckwear, W. A. Keys, June 1, 1909, claims 2, 3 and 7 void, claim 1 valid and infringed, (D. C. S. D. N. Y.), 205 F. 921.
- 923,966 Feed crusher, J. L. Gibson, June 8, 1909, not infringed by 798,255, (D. C. N. D. Ill., E. D.), 195 F. 772; (C. C. A. 7th Cir.), 201 F. 100.
- 924,151 Machine for folding and pressing blanks for collars and cuffs, G. J. Dormandy, June 8, 1909, valid and infringed as to claims 7, 24, 40, 43 and 49 on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.
- 924,546 Turbine, W. L. R. Emmett, June 8, 1909, bill filed July 12, 1909, case at issue Apr. 19, 1910, (W. D. N. Y.), General Electric Co. v. City of Dunkirk, not reported; valid and infringed, (C. C. A. 2nd Cir.), 211 F. 657; valid and infringed, (D. C. W. D. N. Y.), 211 F. 658.
- 924,722 Dry-room hanger, W. Bartholomew, June 15, 1909, void, not infringed if valid, (D. C. E. D. Pa.), 217 F. 787.
- 924,840 Pipe coupling, C. R. Schmidt, June 15, 1909, bill dismissed, (D. C. D. N. J.), 218 F. 466; claims 1 and 3 void, (C. C. A. 3rd Cir.), 229 F. 157.
- 924,966 Road grader, H. K. Clemons, June 15, 1909, claims 2 and 17 valid and infringed, (C. C. A. 8th Cir.), 222 F. 906.
- 925,146 Sweater, S. Weinschenk, June 15, 1909, valid and infringed, (C. C. A. 2nd Cir.), 206 F. 902.
- 925,393 Rib-knitting machine, R. W. Scott, June 15, 1909, claims 1 and 4 valid and infringed, (C. C. N. D. N. Y.), 190 F. 47; claims 1 and 4 not infringed if conceded validity, (C. C. A. 2nd Cir.), 194 F. 99.
- 925,550 Flushing valve mechanism, Young and Robertshaw, June 22, 1909, claims 1, 2, 4, 5, 6, 7 and 9 void, (C. C. A. 6th Cir.), 232 F. 871.
- 925,843 Linotype mechanism, J. R. Rogers, June 22, 1909, claims 1, 2, 3 and 4 not infringed, (D. C. S. D. N. Y.), 229 F. 168; claims 1, 2, 3 and 4 not infringed, (C. C. A. 2nd Cir.), 229 F. 407.

TABLE I—CHRONOLOGICAL LIST.

- 926,011 Nipple for nursing-bottles, Thomas W. Miller, June 22, 1909, void, (C. C. N. D. Ohio, E. D.), 191 F. 982; claim 1 valid and infringed, (C. C. A. 6th Cir.), 202 F. 927.
- 926,055 Hydraulic nozzle, William A. Doble, June 22, 1909, valid and infringed, (C. C. N. D. Cal.), 186 F. 526.
- 926,308 Toy pistol, C. V. Wertz, June 29, 1909, order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 219 F. 130.
- 926,518 Car lighting system, W. I. Thomson, June 29, 1909, void, (D. C. W. D. N. Y.), 222 F. 320; void, (C. C. A. 2nd Cir.), 229 F. 990.
- 927,298 Pressure gage for pneumatic tires, C. R. Twitchell, July 6, 1909, valid and infringed, (Supreme Court District of Columbia), 177 O. G. 527, C. D. 1912, 417.
- 927,581 Tally card, E. D. McKenna, July 13, 1909, not infringed, (D. C. E. D. N. Y.), 206 F. 677.
- 927,609 Leather-staking machine, F. F. Slocomb, July 13, 1909, not infringed, (D. C. D. Del.), 227 F. 94; decree of District Court affirmed, (C. C. A. 3rd Cir.), 230 F. 1021.
- 928,199 Clothes-pressing machine, A. J. Hoffman, July 13, 1909, infringed by one machine and not by another, (C. C. A. 6th Cir.), 202 F. 923; valid and infringed, (C. C. A. 7th Cir.), 224 F. 484.
- 928,371 Wireless signalling, R. A. Fessenden, July 20, 1909, claims 1, 2, 3, 5 and 6 void, (C. C. A. 3rd Cir.), 208 F. 679.
- 929,487 Loud-speaking telephone, V. Poulsen, July 27, 1909, priority denied as to claim 1.
- 929,597 Tennis-court marker, A. Johnson, July 27, 1909, does not infringe claims 2, 4 or 6 of 850,936, (C. C. D. N. J.), 190 F. 20.
- 929,898 Sewer pipe machine, J. Thomas, Aug. 3, 1909, not infringed, (D. C. D. Ore.), 232 F. 890.
- 930,107 Locomotive toy, J. C. Turner, Aug. 3, 1909, void, (C. C. A. 6th Cir.), 217 F. 760.
- 930,633 Locomotive toy, J. C. Turner, Aug. 10, 1909, void, (C. C. A. 6th Cir.), 217 F. 760.
- 931,331 Telephone key, J. L. McQuarrie, Aug. 17, 1909, priority denied as to claim 3.

TABLE I—CHRONOLOGICAL LIST.

- 931,374 Heating stove, A. K. Beckwith, Aug. 17, 1909, valid and infringed, (D. C. N. D. Ohio, W. D.), 220 F. 173.
- 931,879 Tire casing, C. E. La Fleur, Aug. 24, 1909, denied priority in interference, 43 App. D. C. 388.
- 931,904 Telephone system, H. G. Webster, Aug. 24, 1909, priority denied as to claims 23, 24, 26, 27, 37, 38 and 57.
- 932,488 Device for casting steel teeth, W. F. Meyers, Aug. 31, 1909, motion for preliminary injunction denied, (C. C. E. D. N. Y.), 179 F. 860; preliminary injunction vacated, (C. C. E. D. N. Y.), 186 F. 347.
- 933,020 Safety-razor, O. A. Clark, Aug. 31, 1909, infringes claims 2, 7, 9 to 11, 17 to 20, 23, 26 and 29 of 775,134, (C. C. D. N. J.), 187 F. 149.
- 933,032 Sewing machine, C. F. Gray, Aug. 31, 1909, infringes 890,582, (C. C. A. 3rd Cir.), 227 F. 858.
- 933,079 Folding perambulator, O. Kurz, Sept. 7, 1909, infringed, (C. C. A. 6th Cir.), 223 F. 350.
- 933,200 Pneumatic pump, T. O. Perry, Sept. 7, 1909, claim 25 valid and infringed, claim 27 not infringed, (C. C. A. 7th Cir.), 225 F. 525.
- 933,771 Concrete bridge, D. B. Luten, Sept. 14, 1909, valid and infringed, Luten v. Western Bridge Co., (C. C. W. D. Mo., Feb. 1, 1911), not reported; demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.
- 933,982 Composition of matter for molds, R. Herbst, Sept. 14, 1909, motion to punish for contempt denied, (C. C. E. D. N. Y.), 178 F. 103.
- 934,411 Wall, D. B. Luten, Sept. 14, 1909, not invalid on its face on demurrer, (C. C. D. N. J.), 189 F. 405.
- 934,442 Grinding apparatus, H. K. Hitchcock, Sept. 21, 1909, claims 11, 12 and 13 not infringed, (D. C. W. D. Pa.), 216 F. 766.
- 934,612 Grinding apparatus, H. K. Hitchcock, Sept. 21, 1909, claims 2 and 3 not infringed, (D. C. W. D. Pa.), 216 F. 766.
- 935,929 Passenger car, H. Rowntree, Oct. 5, 1909, claims 3 to 6 inclusive void, claims 7 to 16 inclusive not infringed, (D. C. S. D. N. Y.), 214 F. 402; (C. C. A. 2nd Cir.), 214 F. 576.

TABLE I—CHRONOLOGICAL LIST.

- 936,207 Telephone transmitter, C. D. Babcock, Oct. 5, 1909, priority denied as to claims 8 and 9.
- 937,403 Bottle labeling machine, F. O. Woodland, Oct. 19, 1909, not infringed by 923,501 and 950,259, (C. C. A. 1st Cir.), 214 F. 354.
- 937,550 Screen for showing motion pictures, F. J. Rembusch, Oct. 19, 1909, valid and infringed, (D. C. E. D. Pa.), 214 F. 257.
- 937,573 Computing scale, Bane and Crane, Oct. 19, 1909, void, (C. C. A. 2nd Cir.), 224 F. 500.
- 937,757 Air pump for blow-torches, O. Bernz, Oct. 26, 1909, claim 2 void, (D. C. D. N. J.), 205 F. 49; (C. C. A. 3rd Cir.), 211 F. 973.
- 939,062 Lamp reflector, O. A. Mygatt, Nov. 2, 1909, valid and infringed, (C. C. A. 2nd Cir.), 218 F. 827.
- 939,629 Concrete mixer, M. H. Reed, Nov. 9, 1909, valid and infringed, (C. C. A. 7th Cir.), 225 F. 764.
- 939,645 Gearing for washing machines, A. Van Wormer, Nov. 9, 1909, infringes 863,120, (C. C. A. 7th Cir.), 213 F. 471.
- 939,775 Pulverizer, M. J. Williams, Nov. 9, 1909, not invalid on its face, (D. C. W. D. N. Y.), 200 F. 441.
- 940,037 Writing and adding machine, M. H. Lockwood, Nov. 16, 1909, priority denied as to claims 2, 7 and 115.
- 940,300 Safety deposit box lock, B. Borland, Nov. 16, 1909, not infringed by 860,940, (D. C. N. D. Ill. E. D.), 212 F. 178; not infringed by 860,940, (C. C. A. 7th Cir.), 228 F. 1019.
- 940,639 Incandescent mantle, Otto Kaufmann, Nov. 16, 1909, six unreported suits pending, as follows: Block Light Co. v. Alter, (D. C. N. D. Ill., E. D.); same v. Capital Gas Mantle Co., (D. C. S. D. Iowa, C. D.); same v. Peerless Light Co., (D. C. N. D. Ill., E. D.); same v. Goldberger and Swartz, (D. C. N. D. Ill., E. D.); same v. Allen-Sparks Gas Light Co., (D. C. E. D. Mich., S. D.); same v. Aurora Mantle & Lamp Co., (D. C. N. D. Ill., E. D.).
- 940,853 Wallet, J. R. Cardwell, Nov. 23, 1909, claim 1 not infringed if conceded validity, (C. C. A. 2nd Cir.), 201 F. 525.

TABLE I—CHRONOLOGICAL LIST.

- 940,925 Water gas apparatus, S. J. Dickey, Nov. 23, 1909, void, (D. C. N. D. Ohio, E. D.), 211 F. 672.
- 941,178 Bottle labeling machine, F. O. Woodland, Nov. 23, 1909, not infringed by 923,501 and 950,259, (C. C. A. 1st Cir.), 214 F. 354.
- 941,757 Loose leaf binder, H. F. Bushong, Nov. 30, 1909, claims 13, 15 and 16 valid and infringed, (C. C. A. 6th Cir.), 230 F. 120.
- 941,962 Pneumatic tire shoe manufacturing machine, W.C.State, Nov. 30, 1909, valid and infringed, (D. C. N. D. Ohio, E. D.), 234 F. 370.
- 942,932 Vegetable paring machine, H. Robinson, Dec. 14, 1909, claim 18 valid and infringed, (D. C. E. D. Pa.), 216 F. 179; awarded priority in interference, 41 App. D. C. 560; void, (C. C. A. 3rd Cir.), 219 F. 225.
- 944,053 Machine for making bottle blanks, W. E. Savage, Dec. 21, 1909, priority denied as to claims 2, 3, 4, 6, 7 and 8.
- 944,176 Wearing apparel, C. C. Collins, Dec. 21, 1909, motion for preliminary injunction denied, (C. C. S. D. N. Y.), 180 F. 775
- 944,338 Relief valve for steam radiators, F. W. Leuthesser, Dec. 28, 1909, does not infringe 952,414, (C. C. A. 7th Cir.), 208 F. 559.
- 944,543 Means for forming concrete ceilings and supporting columns, P. A. & L. P. Deslauriers, Dec. 28, 1909, no testimony taken up to March 11, 1912, (D. C. E. D. Mo., E. D.), Deslauriers et al. v. Higgins-Alkers Concrete Co. et al., not reported.
- 944,839 Steam turbine, O. D. H. Bentley, Dec. 28, 1909, infringes claims 1 and 5 of 741,385, (D. C. D. Mass.), 222 F. 297; infringes claims 1 and 5 of 741,385, (C. C. A. 1st Cir.), 231 F. 162.
- 944,978 Mechanical movement, F. L. Temple, Dec. 28, 1909, priority denied as to claim 8.

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- 945,492 Projectile, C. Davis, Jan. 4, 1910, valid and infringed, (D. C. E. D. Pa.), 216 F. 755; void, (C. C. A. 3rd Cir.), 224 F. 937.

TABLE I—CHRONOLOGICAL LIST.

- 945,788 Caramel holder, S. B. Lafean, Jan. 11, 1910, valid and infringed, (D. C. M. D. Pa.), 201 F. 363; 201 F. 367; void, (C. C. A. 3rd Cir.), 209 F. 619.
- 946,099 Car bolster, E. H. Benners, Jan. 11, 1910, denied priority in interference, 39 App. D. C. 553.
- 946,596 See Reissue 13,231.
- 946,703 Hose connector, L. R. Nelson, Jan. 18, 1910, bill dismissed, (C. C. A. 7th Cir.), 220 F. 909.
- 947,227 Talking machine, J. C. English, Jan. 25, 1910, decree of District Court dismissing bill affirmed, (C. C. A. 2nd Cir.), 225 F. 535.
- 947,546 Settee hammock, H. L. Hohlfeld, Jan. 25, 1910, claim 23 valid and infringed, (D. C. E. D. Pa.), 216 F. 183; claim 23 not infringed, (C. C. A. 3rd Cir.), 219 F. 207.
- 947,635 Manufacture of chewing gum, J. D. Darling, Jan. 25, 1910, preliminary injunction granted, (D. C. E. D. Pa.), 210 F. 456.
- 948,233 Body brace, R. F. MacClemmy, Feb. 1, 1910, claims 1, 2 and 5 valid and infringed, (D. C. D. Conn.), 221 F. 73; valid but not infringed, (C. C. A. 2nd Cir.), 224 F. 497.
- 948,234 Body brace, R. F. MacClemmy, Feb. 1, 1910, claims 4 and 7 valid and infringed, (D. C. D. Conn.), 221 F. 73; claims 4 and 7 not infringed, (C. C. A. 2nd Cir.), 224 F. 497.
- 948,667 Hose coupling, E. H. Gold, Feb. 8, 1910, decree of District Court in action under Sec. 4915 reversed, (C. C. A. 7th Cir.), 237 F. 84.
- 948,773 Gas iron, Spahr & Stichler, Feb. 8, 1910, claims 2 and 7 valid and infringed, (D. C. S. D. N. Y.), 197 F. 948; claims 2 and 7 not infringed, (C. C. A. 2nd Cir.), 235 F. 126.
- 949,052 Wire garment stay, H. W. Bareley, Feb. 15, 1910, denied priority in interference, 41 App. D. C. 250.
- 949,293 Machine for stuffing horse collars, Collett & Rennie, Feb. 15, 1910, claims 1, 2, 3 and 5 valid and infringed, (C. C. A. 6th Cir.), 203 F. 41.
- 949,349 Acetylene gas generator lamp, J. Bleser, Feb. 15, 1910, infringes 656,874, claim 1, but not claims 2, 3, 4, 5, 6 and 10, (C. C. A. 7th Cir.), 199 F. 133.

TABLE I—CHRONOLOGICAL LIST.

- 949,836 Selector for telephone systems, McQuarrie and Craft, Feb. 22, 1910, priority denied as to claims 1 and 3.
- 950,259 Bottle labeling machine, E. Ermold, Feb. 22, 1910, does not infringe 705,832; 937,403 or 941,178, (C. C. A. 1st Cir.), 214 F. 354.
- 950,402 Gearing device for washing machines, W. F. Phillips, Feb. 22, 1910, valid and claims 5 to 8 infringed, (D. C. S. D. Iowa, C. D.), 209 F. 621; valid and claims 5 to 8 infringed, (C. C. A. 8th Cir.), 222 F. 512; void, (C. C. A. 7th Cir.), 231 F. 988.
- 951,774 Labeling machine, F. W. Wild, Mar. 8, 1910, awarded priority in interference, 43 App. D. C. 392.
- 952,161 Wire rope, G. S. Whyte, Mar. 15, 1910, valid and infringed, (C. C. A. 2nd Cir.), 211 F. 976.
- 952,414 Relief valve for steam radiators, W. W. Brissenden, Mar. 15, 1910, not infringed by 944,338, (C. C. A. 7th Cir.), 208 F. 559.
- 952,869 Collapsible form for building culverts, C. A. Besser, Mar. 22, 1910, not infringed, (D. C. S. D. Ia., E. D.), 226 F. 783.
- 952,876 Silo door, Farrar and Clark, Mar. 22, 1910, valid and infringed, (C. C. A. 8th Cir.), 224 F. 722.
- 953,334 Method of operating compressed air engines, C. B. Hodges, Mar. 29, 1910, void, (D. C. E. D. Pa.), 219 F. 226; claims 1 and 4 valid and infringed, (C. C. A. 3rd Cir.), 227 F. 216.
- 954,056 X-ray machine, H. C. Snook, Apr. 5, 1910, valid and infringed, (D. C. E. D. Pa.), 237 F. 204.
- 954,331 Spring seat, F. O'Brien, Apr. 5, 1910, does not infringe 692,535, (D. C. E. D. Mich.), 195 F. 774; infringes 692,535, (C. C. A. 6th Cir.), 206 F. 465.
- 954,666 Varnish, L. H. Baekeland, Apr. 12, 1910, valid and infringed, (D. C. E. D. N. Y.), 225 F. 539.
- 956,207 See Reissue 13,579.
- 956,285 Bottle filling machine, J. H. Champ, Apr. 26, 1910, valid and infringed, (D. C. E. D. Pa.), 220 F. 675.
- 956,540 Machine for making corrugated metal fasteners, E. S. Norton, May 3, 1910, valid and infringed, (D. C. N. D. Ill. E. D.), 206 F. 478.

TABLE I—CHRONOLOGICAL LIST.

- 957,694 Talking machine, T. H. Macdonald, May 10, 1910, claims 1, 2, 3, 4, 8, 9, 10, 11 and 12 not infringed, (D. C. S. D. N. Y.), 234 F. 344.
- 958,484 Rotary printing machine, Evans and Wichmann, May 17, 1910, claim 3 not infringed, (C. C. A. 2nd Cir.), 223 F. 539.
- 959,008 Scaffold supporting means, E. H. Henderson, May 24, 1910, claims 1 and 3 valid and infringed by 998,270, (C. C. A. 8th Cir.), 224 F. 452.
- 959,100 Wireless telegraphy, G. Von Arco, May 24, 1910, priority denied as to claim 1.
- 959,297 Steam, air and water trap valve, J. E. Boegen, May 24, 1910, does not infringe claims 1 to 4 of 828,153, (C. C. N. D. Ill., E. D.), 187 F. 141.
- 959,601 Fireproof magazine for film reels, (moving picture machine), N. Power, May 31, 1910, valid and infringed, (D. C. S. D. N. Y.), 222 F. 933.
- 960,020 Voting machine, G. Johnson, May 31, 1910, claim 3 invalid, (D. C. D. Mass.), 212 F. 439.
- 960,227 Pipe loading machine, C. Jordan, May 31, 1910, infringes claim 1 but not claims 7 and 8 of 878,995, (C. C. A. 2d Cir.), 192 F. 42.
- 960,348 Box-making machine, E. W. Labombarde, June 7, 1910, claims 1, 7 and 8 valid and infringed, claims 9, 10 and 11 valid but not infringed, (C. C. D. Md.), 190 F. 184; void, not infringed if conceded validity, (C. C. A. 4th Cir.), 197 F. 739.
- 960,617 Cable carrier apparatus, G. A. Amsden, June 7, 1910, claims 3, 7, 8 and 11 valid but not infringed by 1,055,258, (D. C. D. Mass.), 238 F. 201.
- 961,058 Process of converting glue, C. M. Zimmerman, June 7, 1910, void, (C. C. A. 6th Cir.), 232 F. 866.
- 961,504 Gas lamp shade, T. J. Litle, June 14, 1910, valid and infringed, (C. C. W. D. Pa.), 193 F. 999.
- 961,897 Mail box, A. Rosenberg and E. E. Clark, June 21, 1910, on motion for preliminary injunction held infringed, (C. C. W. D. N. Y.), 192 F. 126.
- 962,114 Lantern, C. Bergener, June 21, 1910, valid and infringed, (D. C. W. D. N. Y.), 236 F. 763.

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- 962,135 Lantern, C. F. Erb, June 21, 1910, valid and infringed, (D. C. W. D. N. Y.), 236 F. 763.
- 962,220 Number plate support for vehicles, W. B. Hughes, June 21, 1910, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; claims 5 and 6 void, (C. C. A. 3rd Cir.), 208 F. 564.
- 962,425 See Reissue 13,561.
- 962,678 Process of ore concentration, Sulman, Greenway and Higgins, June 28, 1910, valid and infringed, (D. C. D. Del.), 237 F. 609.
- 962,723 Tool for use in connection with spades, E. M. Skinner, June 28, 1910, void, (D. C. D. N. J.), 236 F. 144.
- 963,235 Neck-scarf or muffler, J. S. Mead, July 5, 1910, claim 1 valid and infringed, (C. C. E. D. Pa.), Phoenix v. Hygienic Co., not reported; claim 1 void, claims 2 and 3 not infringed, (C. C. N. D. Ohio, E. D., Nov. 28, 1911), Phoenix v. Rich & Co., not reported; valid and infringed, (C. C. E. D. Pa.), 194 F. 717; void, (C. C. N. D. Ohio, E. D.), 194 F. 721; valid and infringed, (C. C. A. 3rd Cir.), 195 F. 763.
- 963,352 Sheet metal junction box, A. E. Blackman, July 5, 1910, void, (C. C. A. 2nd Cir.), 220 F. 912.
- 963,905 Plunger hydraulic elevator, T. Larsson, July 12, 1910, motion for preliminary injunction denied, (D. C. S. D. N. Y.), 196 F. 47; order affirmed, (C. C. A. 2nd Cir.), 200 F. 770; not infringed, (C. C. A. 2nd Cir.), 212 F. 941.
- 965,152 Waterproof leatherboard, Buffum and Carter, July 26, 1910, claims 1, 2, 3 and 4 valid and infringed, (D. C. D. Mass.), 224 F. 969; valid but not infringed, (C. C. A. 1st Cir.), 226 F. 34.
- 966,765 Cake mixing machine, H. Read, Aug. 9, 1910, claims 6 and 10 valid and infringed, (D. C. S. D. N. Y.), 212 F. 951; (C. C. A. 2nd Cir.), 218 F. 989; valid and infringed, (D. C. S. D. N. Y.), 221 F. 662; valid and infringed, (C. C. A. 2nd Cir.), 223 F. 1022.
- 967,412 Box car body, C. F. Murray, Aug. 16, 1910, claims 2, 4, 5 and 7 not infringed, (C. C. A. 7th Cir.), 237 F. 202.
- 967,578 Installation for electric welding, H. L. J. Siemund, Aug. 16, 1910, claim 2 void, (D. C. E. D. N. Y.), 206 F. 283.

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- 967,579 Process of electric welding, H. L. J. Siemund, Aug. 16, 1910, claims 1, 2 and 5 void, (D. C. E. D. N. Y.), 206 F. 283; (C. C. A. 2nd Cir.), 212 F. 410.
- 967,775 Pyrophoric alloy, A. Huber, Aug. 16, 1910, infringes 837,017, (D. C. S. D. N. Y.), 214 F. 410; infringes 837,017, (C. C. A. 2nd Cir.), 219 F. 210.
- 968,597 Carbureter, J. W. Parkin, Aug. 30, 1910, valid and infringed, (D. C. E. D. Pa.), 226 F. 800; void, (C. C. A. 3rd Cir.), 231 F. 980.
- 969,010 Rotary motor, H. Van Ormer, Aug. 30, 1910, claim 4 void, (D. C. W. D. Pa.), 219 F. 899.
- 969,198 Fountain pen, W. W. Sanford, Sept. 6, 1910, does not infringe claims 1 and 2 of 764,227, (D. C. D. Mass.), 212 F. 187.
- 969,660 Flexible metal tubing or shaft, Schmidt & Grundmann, Sept. 6, 1910, motion that complaint be made more definite and certain sustained and motion for examination of plaintiff denied, (D. C. E. D. N. Y.), 199 F. 191; claims 1, 3 and 4 void as changed by disclaimer, (D. C. E. D. N. Y.), 201 F. 543; void, (C. C. A. 2nd Cir.), 209 F. 225.
- 969,752 Deflector for furnaces, M. Green, Sept. 6, 1910, priority denied as to claim 1.
- 970,539 Can-cap hemmer, Odquist & Lyche, Sept. 20, 1910, infringes claims 46 and 58 of 1,009,474, (D. C. D. Me.), 207 F. 363.
- 970,656 Transom adjusting device, F. F. Smith, Sept. 20, 1910, valid and infringed, (D. C. S. D. N. Y.), 216 F. 361; (C. C. A. 2nd Cir.), 216 F. 359.
- 971,245 Feeder for printing presses, Brewer and Cheshire, Sept. 27, 1910, valid and infringed, (C. C. A. 7th Cir.), 229 F. 415.
- 972,751 Chain grate, E. C. Clark, Oct. 11, 1910, held not to infringe claims 1 and 2 of 668,495, (D. C. D. N. J.), 206 F. 164.
- 972,916 Machine for folding and pressing blanks for collars and cuffs, G. Reece, Oct. 18, 1910, claim 4 valid and infringed on motion for preliminary injunction, (D. C. N. D. N. Y.), 205 F. 536.

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- 972,937 Buckle, G. P. Spangler, Oct. 18, 1910, valid and infringed by 1,034,681, (C. C. A. 9th Cir.), 217 F. 394.
- 973,200 Union suit garment, H. G. Johnson, Oct. 18, 1910, claim 1 void, claims 2 and 3 not infringed, (C. C. A. 2nd Cir.), 234 F. 888.
- 973,559 Shield for expansion bolts, H. W. Pleister, Oct. 25, 1910, valid but not infringed, (D. C. W. D. Wis.), 225 F. 383; valid but not infringed, (C. C. A. 7th Cir.), 234 F. 868.
- 973,864 Cuff button, J. L. Herzog, Oct. 25, 1910, not infringed, (C. C. A. 2nd Cir.), 234 F. 85.
- 973,902 Cleat to secure prepared roofing, W. H. Woerheide, Oct. 25, 1910, valid and infringed, (D. C. S. D. N. Y.), 215 F. 604; valid and infringed, (C. C. A. 2nd Cir.), 220 F. 674.
- 974,789 Ozonizer, D. S. Henney, Nov. 8, 1910, the finding of a jury that claim 3 was valid and infringed, held sustained by the evidence, (D. C. S. D. N. Y.), 200 F. 960; affirmed, (C. C. A. 2nd Cir.), 207 F. 78.
- 975,769 Process of making mantles for incandescent gas-lamps, Otto Kaufman, Nov. 15, 1910, two unreported suits pending, as follows: Block Light Co. v. Capital Gas Mantle Co., (D. C. S. D. Iowa, C. D.); same v. Goldberger & Swartz, (D. C. N. D. Ill., E. D.).
- 975,935 Arc lamp globe, T. L. Carbone, Nov. 15, 1910, claims 1 and 3 valid but not infringed, (D. C. N. D. N. Y.), 198 F. 100; (C. C. A. 2nd Cir.), 202 F. 215.
- 979,163 Method of forming cuff buttons, J. L. Herzog, Dec. 20, 1910, not infringed, (C. C. A. 2nd Cir.), 234 F. 85.
- 979,275 Wireless telegraphy, L. De Forest, Dec. 20, 1910, not infringed, (D. C. S. D. N. Y.), 236 F. 942.
- 979,776 Concrete structure, D. B. Luten, Dec. 27, 1910, demurrer to bill overruled, (D. C. D. Kan. 2nd Div.), 200 F. 151.
- 979,965 Mausoleum, M. L. Knight, Dec. 27, 1910, void, (D. C. D. Md.), 203 F. 49; void, (C. C. A. 4th Cir.), 212 F. 935.

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1911.

- 980,431 Box-making machine, G. D. Parker, Jan. 3, 1911, claims 2, 3, 4, 6, 8, 9, 10, 11, 19, 20, 31, 34, 35, 37, 38, 39 and 40 valid and infringed, (D. C. N. D. Cal. 2nd Div.), 227 F. 449.
- 981,111 Concrete mixer, M. H. Reed, Jan. 10, 1911, not infringed, (D. C. N. D. Ill. E. D.), 218 F. 643.
- 981,164 Recording door lock, Bush & Cole, Jan. 10, 1911, priority denied as to claim 2.
- 981,208 Pneumatic tire, J. MacDonnell, Jan. 10, 1911, valid and infringed, (D. C. D. N. J.), 227 F. 898; not infringed, (C. C. A. 3rd Cir.), 231 F. 741.
- 982,800 Electric regulation, J. L. Creveling, Jan. 31, 1911, priority denied as to claims 15 and 16.
- 983,032 Turbine, Elliott & Faber, Jan. 31, 1911, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578; claims 35 and 36 not infringed, (D. C. W. D. Pa.), 219 F. 899; not infringed, (D. C. W. D. Pa.), 222 F. 946; valid and infringed, (C. C. A. 3rd Cir.), 230 F. 604; valid and infringed, (C. C. A. 3rd Cir.), 230 F. 614.
- 983,034 Turbine, W. S. Elliott, Jan. 31, 1911, decree for complainant, (D. C. W. D. Pa.), 205 F. 152; decree modified and affirmed, (C. C. A. 3rd Cir.), 214 F. 578; not infringed, (D. C. W. D. Pa.), 222 F. 946; valid and infringed, (C. C. A. 3rd Cir.), 230 F. 604.
- 983,295 Gem setting, J. W. Lawson, Feb. 7, 1911, void, (D. C. D. R. I.), 203 F. 284; void, (C. C. A. 1st Cir.), 209 F. 51.
- 983,579 Dental inlay filling, W. H. Taggart, Feb. 7, 1911, order of District Court dismissing bill affirmed, (C. C. A. 7th Cir.), 236 F. 544.
- 983,580 Apparatus for making castings, W. H. Taggart, Feb. 7, 1911, order of District Court dismissing bill affirmed, (C. C. A. 7th Cir.), 236 F. 544.
- 984,327 Motor control apparatus, Taigman, Wald and Britsch, Feb. 14, 1911, valid and infringed, (C. C. A. 2nd Cir.), 223 F. 787.

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- 984,796 Dental appliance, I. E. Burnett, Feb. 21, 1911, infringes 900,541, (D. C. N. D. Ill. E. D.), 206 F. 66.
- 985,075 Fastening device for ribbon bows, G. E. Tarnow, Feb. 21, 1911, not infringed, (C. C. A. 1st Cir.), 233 F. 265.
- 985,119 Steel skeleton concrete construction, C. A. P. Turner, Feb. 21, 1911, not infringed, (D. C. D. Minn.), 198 F. 134; void, (C. C. A. 8th Cir.), 211 F. 466; infringes claims 1, 3 and 4 of 698,542, (C. C. A. 8th Cir.), 219 F. 188; case sent back to District Court, (C. C. A. 1st Cir.), 225 F. 41; void, (D. C. D. N. J.), 236 F. 252; claims 1, 2, 4, 6 and 8 void, (D. C. D. Minn. 4th Div.), 238 F. 377.
- 985,136 Change making machine, Bilyeu & Overlin, Feb. 28, 1911, priority denied as to claims 4 and 6.
- 985,258 Apparatus for copying music sheets, W. H. Grimsdale, Feb. 28, 1911, priority denied as to claims 1, 2 and 4.
- 985,984 Tobacco stripping machine, M. & E. M. Deiller, Mar. 7, 1911, claim 11 valid and infringed, (C. C. A. 2nd Cir.), 215 F. 715.
- 986,120 Awning arm, F. A. Anton, Mar. 7, 1911, claims 1 and 2 valid and infringed, (C. C. A. 6th Cir.), 233 F. 262.
- 986,208 Ash discharger, Palen & Burlingham, Mar. 7, 1911, priority denied as to claims 1, 2 and 3.
- 986,668 Reflector for automobile lamps, P. C. Avery, Mar. 14, 1911, void, (C. C. A. 7th Cir.), 209 F. 616.
- 987,450 Soot cleaner for steam boilers, Eichelberger and Hibner, Mar. 21, 1911, void, (C. C. A. 6th Cir.), 237 F. 818.
- 988,229 Shock absorber for automobiles, C. A. Tilt, Mar. 28, 1911, valid and infringed by 1,015,682, (D. C. N. D. Ill. E. D.), 213 F. 478; not infringed by 1,015,682, (C. C. A. 7th Cir.), 220 F. 921.
- 989,272 Concrete structure, D. B. Luten, Apr. 11, 1911, demurrer to bill overruled, (D. C. D. Kans., 2nd Div.), 200 F. 151; claims 3 and 4 not infringed, (C. C. A. 8th Cir.), 234 F. 880.
- 989,307 Carbureter, C. P. Simmons, Apr. 11, 1911, priority denied as to claims 1, 2 and 15.
- 989,529 Telephone system, G. W. Lorimer, Apr. 11, 1911, awarded priority in interference, 44 App. D. C. 503.

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- 989,976 Seed corn grader, C. Hunnicutt, Apr. 18, 1911, claims 1, 2 and 4 void, claims 3 and 5 not infringed if valid, (D. C. W. D. Pa.), 207 F. 585; void, (C. C. A. 3rd Cir.), 218 F. 176.
- 990,417 Form for molded conduits, H. W. Bassett, Apr. 25, 1911, judgment of lower court affirmed, (C. C. A. 9th Cir.), 213 F. 810.
- 990,468 Telephone system, F. G. Agrell, Apr. 25, 1911, priority denied as to claims 1, 2, 3, 4, 5, 7, 10 and 11.
- 990,534 Savings bank, C. Fisher, Apr. 25, 1911, claim 7 valid but not infringed, (D. C. N. D. Ill., E. D.), 224 F. 506; claim 5 not infringed, (D. C. N. D. Ill., E. D.), 224 F. 512; claims 2 and 6 not infringed, (D. C. W. D. Wis.), 224 F. 513.
- 990,535 Savings bank, C. Fisher, Apr. 25, 1911, valid but not infringed, (D. C. N. D. Ill., E. D.), 224 F. 506.
- 991,131 Cleaning and polishing apparatus, P. S. Burns, May 2, 1911, void, (D. C. D. Mass.), 208 F. 569.
- 991,178 Process of making animal food, R. Stock, May 2, 1911, priority denied as to claims 1, 2, 3, 4 and 5.
- 991,956 Toy pistol, G. J. J. Clark, May 9, 1911, order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 219 F. 130.
- 993,061 See Reissue 13,653.
- 993,723 Water heater, G. A. Shook, May 30, 1911, void, (D. C. W. D. Pa.), 222 F. 950; claims 4, 5, 20, 21 and 22 valid and infringed by 1,053,370, (C. C. A. 3rd Cir.), 228 F. 674.
- 993,780 Filter, K. Kiefer, May 30, 1911, claim 1 valid but not infringed, (D. C. S. D. N. Y.), 218 F. 847; claim 1 valid but not infringed, (C. C. A. 2nd Cir.), 231 F. 733.
- 995,661 Eyeglass mounting, S. J. Clulee, June 20, 1911, awarded priority on one count and denied priority on another count in interference, 44 App. D. C. 300.
- 995,758 Furniture tip, H. M. Alleyn, June 20, 1911, void, (D. C. S. D. N. Y.), 201 F. 686; valid and infringed, (C. C. A. 2nd Cir.), 209 F. 207.
- 995,820 Process of treating beer, L. Wallerstein, June 20, 1911, valid and infringed, (C. C. A. 2nd Cir.), 215 F. 915;

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- order denying motion for preliminary injunction reversed, (C. C. A. 3rd Cir.), 215 F. 919.
- 995,824 Process of treating beer, L. Wallerstein, June 20, 1911, valid and infringed, (C. C. A. 2nd Cir.), 215 F. 915; order denying motion for preliminary injunction reversed, (C. C. A. 3rd Cir.), 215 F. 919.
- 996,500 Automatic exchange system, W. H. Matthies, June 27, 1911, priority denied as to claims 1, 2, 5, 6 and 7.
- 996,929 Exhibition device, H. Kempinski, July 4, 1911, preliminary injunction granted, (D. C. S. D. N. Y., Feb. 29, 1912), *Mercantile Service Corporation v. George M. Rogers*, not reported.
- 998,270 Scaffold, E. Whitney, July 18, 1911, infringes claims 1 and 3 of 959,008, (C. C. A. 8th Cir.), 224 F. 452.
- 999,478 Machine for peeling potatoes, S. B. Archer, Aug. 1, 1911, void, (D. C. S. D. N. Y.), 202 F. 962; void, (C. C. A. 2nd Cir.), 207 F. 81.
- 999,663 Concrete construction, D. B. Luten, Aug. 1, 1911, demurrer to bill overruled, (D. C. D. Kan., 2nd Div.), 200 F. 151.
- 999,929 Metallic structure, P. M. Wege, Aug. 8, 1911, denied priority in interference, 44 App. D. C. 495.
- 1,000,270 Portable cross-over, J. Kerwin, Aug. 8, 1911, not infringed if conceded validity, (D. C. W. D. Pa.), 217 F. 412; void, (C. C. A. 3rd Cir.), 227 F. 240.
- 1,000,330 Storage battery, N. Dodge, Aug. 8, 1911, valid and infringed, (D. C. E. D. Pa.), 211 F. 154.
- 1,001,132 Air compressor for automobile tires, H. H. Frey, Aug. 22, 1911, claims 2 and 3 valid, claim 3 infringed, (C. C. A. 6th Cir.), 236 F. 916.
- 1,001,244 Rod bending apparatus, E. L. Brown, Jr., Aug. 22, 1911, priority denied as to claim 4.
- 1,001,331 Gas heated sad iron, G. H. Wright, Aug. 22, 1911, claims 4 and 5 invalid, (D. C. E. D. Pa.), 205 F. 526; evidence held insufficient to establish invalidity, (C. C. A. 3rd Cir.), 212 F. 157.
- 1,002,488 Method of making garment stays, M. M. Beeman, Sept. 5, 1911, void, (D. C. W. D. Pa.), 210 F. 453; (C. C. A. 3rd Cir.), 216 F. 898.

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- 1,002,549 Ventilator, A. G. Wilson, Sept. 5, 1911, priority denied as to claims 1, 2 and 3.
- 1,002,649 Bow sockets for vehicle tops, J. C. Coss, Sept. 5, 1911, void, (C. C. A. 6th Cir.), 230 F. 455.
- 1,003,384 Concrete flooring, C. A. P. Turner, Sept. 12, 1911, infringes claims 1, 3 and 4 of 698,542, (C. C. A. 8th Cir.), 219 F. 188; void, (D. C. D. N. J.), 236 F. 252.
- 1,003,459 Aeroplane, L. B. Holland, Sept. 19, 1911, priority denied as to claims 1, 7 and 8.
- 1,004,515 Process of homogenizing cream, J. Willmann, Sept. 26, 1911, priority denied as to claims 1, 2 and 3.
- 1,004,643 Mechanism for making armored cable, H. R. Gilson, Oct. 3, 1911, valid, claim 10 infringed, (D. C. W. D. N. Y.), 215 F. 388.
- 1,004,644 Process of armoring cable, H. R. Gilson, Oct. 3, 1911, valid, claims 1 and 3 infringed, (D. C. W. D. N. Y.), 215 F. 388.
- 1,004,741 Lifting jack, J. H. Burkholder, Oct. 3, 1911, void, (C. C. A. 6th Cir.), 235 F. 893.
- 1,005,001 Process of manufacturing chewing gum, J. D. Darling, Oct. 3, 1911, preliminary injunction granted, (D. C. E. D. Pa.), 210 F. 456.
- 1,005,005 See Reissue 13,352.
- 1,005,779 Adding and recording machine, C. K. Pickles, Oct. 10, 1911, priority denied as to claims 5, 11 and 13.
- 1,005,972 Cornet, F. Holton, Oct. 17, 1911, valid and infringed, (D. C. E. D. Pa.), 216 F. 368.
- 1,006,064 Starting device for automobile engines, J. S. Clarke, Oct. 17, 1911, priority denied as to claims 1, 2 and 4.
- 1,006,081 Wrapping machine, F. Giroud, Oct. 17, 1911, priority denied as to claims 13 and 15.
- 1,007,041 Vehicle seat, W. Miller, Oct. 24, 1911, claims 1 and 2 void, (D. C. D. Mass.), 205 F. 932.
- 1,007,596 Disappearing bed, W. L. Murphy, Oct. 31, 1911, does not infringe 892,668, (C. C. A. 9th Cir.), 199 F. 772.
- 1,008,068 Double disk bearings for the furrow openers of grain drills, C. W. Robinson, Nov. 7, 1911, priority denied as to claim 1.

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- 1,008,694 Spring contracting and removing device, G. W. Bryant, Nov. 14, 1911, claims 2 and 3 valid and infringed, claims 1, 4 and 7 valid but not infringed, (D. C. D. R. I.), 207 F. 107; claims 2 and 3 valid and infringed, (C. C. A. 1st Cir.), 216 F. 595.
- 1,008,959 Nut lock, W. E. Davin, Nov. 14, 1911, priority denied as to claims 1, 2 and 4.
- 1,009,011 Starting device for gas engines, D. A. Baldwin, Nov. 14, 1911, valid and infringed, (D. C. W. D. N. Y.), 237 F. 637.
- 1,009,373 Automatic desk, W. L. Amo, Nov. 21, 1911, priority denied as to claim 1.
- 1,009,474 Machine for making solder-hemmed caps for closing cans, E. M. Cobb, Nov. 21, 1911, claims 46 and 58 infringed by 970,539, (D. C. D. Me.), 207 F. 363.
- 1,009,616 Process of converting glue, C. M. Zimmerman, Nov. 21, 1911, void, (C. C. A. 6th Cir.), 232 F. 866.
- 1,009,644 Paper fastening method, G. P. Bump, Nov. 21, 1911, not infringed, (C. C. A. 7th Cir.), 236 F. 242.
- 1,010,065 Leather skiving machine, B. Medalie, Nov. 28, 1911, void, (C. C. A. 8th Cir.), 232 F. 603.
- 1,010,846 Machine for edge uniting veneers, J. Black, Dec. 5, 1911, infringes claims 4, 5, 10, 12 and 15 of 709,864, (C. C. A. 6th Cir.), 227 F. 419.
- 1,010,869 Compound for extinguishing fires, E. M. Davidson, Dec. 5, 1911, priority denied as to claims 1, 2, 3 and 4.
- 1,010,870 Process of extinguishing fires, E. M. Davidson, Dec. 5, 1911, priority denied as to claims 1, 2, 6, 7, 8, 9 and 10.
- 1,011,450 Tire wrapping machine, De Laski & Thropp, Dec. 12, 1911, valid and infringed, (D. C. D. N. J.), 218 F. 458; valid and infringed, (C. C. A. 1st Cir.), 226 F. 941; void, (D. C. S. D. N. Y.), 232 F. 884.
- 1,011,643 Gas igniter, F. H. Pomeroy, Dec. 12, 1911, not infringed, (D. C. D. N. J.), 236 F. 955.
- 1,011,892 Wind shield for automobiles, M. L. Williams, Dec. 12, 1911, construed and not infringed, (D. C. D. Conn.), 208 F. 155; not infringed, (C. C. A. 2nd Cir.), 220 F. 669.

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- 1,012,468 Ironing board, A. M. Springer, Dec. 19, 1911, valid and infringed, (D. C. W. D. Wash. N. D.), 215 F. 744.
- 1,012,984 Bottling machine, A. A. Carper, Dec. 26, 1911, claims 28, 29, 37, 38, 39, 42, and 57 valid and infringed, (D. C. D. Md.), 229 F. 748.

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- 1,013,571 Duplex envelope, W. F. Stevens, Jan. 2, 1912, claim 2 void, (D. C. E. D. Va.), 225 F. 68; decree of District Court affirmed, (C. C. A. 4th Cir.), 230 F. 1021.
- 1,014,155 Rail anticreeping device, A. T. Kramer, Jan. 9, 1912, motion to strike out portions of answer sustained in part, (D. C. N. D. Ill. E. D.), 216 F. 634.
- 1,015,174 Machine for producing fabric, paper, or cardboard having an inclosure of crossing threads, H. Gueffroy, Jan. 16, 1912, priority denied as to claims 1, 4, 7, 8, 9 and 11.
- 1,015,326 Filter, K. Kiefer, Jan. 23, 1912, claims 14 to 17 inclusive and 19 to 25 void, (D. C. S. D. N. Y.), 218 F. 847; claims 14 to 17 and 19 to 25 void, (C. C. A. 2nd Cir.), 231 F. 733.
- 1,015,682 Spring for vehicles, L. P. C. J. Jacquet, Jan. 23, 1912, infringes 988,229, (D. C. N. D. Ill., E. D.), 213 F. 478; does not infringe 988,229, (C. C. A. 7th Cir.), 220 F. 921.
- 1,015,989 Metal door frame, T. Buckholz, Jan. 30, 1912, not infringed, (C. C. A. 7th Cir.), 234 F. 636.
- 1,016,153 Eyeglasses, Hutten and McDougall, Jan. 30, 1912, void, (C. C. A. 3rd Cir.), 231 F. 973.
- 1,016,830 Vacuum cleaning apparatus, A. M. Jack, Feb. 6, 1912, priority denied as to the sole claim.
- 1,018,385 Varnish, L. H. Baekeland, Feb. 20, 1912, valid and infringed, (D. C. E. D. N. Y.), 225 F. 539.
- 1,018,502 Incandescent bodies for electric lamps, Just and Hanaman, Feb. 27, 1912, valid and infringed, (C. C. A. 2nd Cir.), 233 F. 96.
- 1,019,115 See Reissue 13,466.

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- 1,019,116 Eyeglass mounting, L. F. Adt, Mar. 5, 1912, void, (C. C. A. 1st Cir.), 226 F. 925.
- 1,019,117 Eyeglass mounting, L. F. Adt, Mar. 5, 1912, void, (C. C. A. 1st Cir.), 226 F. 925.
- 1,019,214 Eyeglass mounting, L. F. Adt, Mar. 5, 1912, void, (C. C. A. 1st Cir.), 226 F. 925.
- 1,019,383 Grass twine machine, O. T. Waite, Mar. 5, 1912, priority denied as to claims 8, 11 and 12.
- 1,019,476 Voting machine, G. Johnson, Mar. 5, 1912, claims 4 and 5 valid and infringed, (D. C. D. Mass.), 212 F. 439.
- 1,019,771 Rotary motor, Elliott, Mills and Holt, Mar. 12, 1912, claims 1, 2, 3, 4, 7 and 8 void, (D. C. W. D. Pa.), 219 F. 899; void, (C. C. A. 3rd Cir.), 230 F. 614.
- 1,020,655 See Reissue 13,436.
- 1,020,656 Starch glue, F. G. Perkins, Mar. 19, 1912, claims 2, 6, 7 and 9 valid and infringed, (D. C. N. D. Ill., E. D.), 223 F. 792.
- 1,021,363 Gas igniter, J. B. Gould, Mar. 26, 1912, void, (D. C. D. N. J.), 236 F. 955.
- 1,021,418 Coupling, W. McConway, Jr., Mar. 26, 1912, priority denied as to claim 1.
- 1,021,423 Coupling, I. H. Milliken, Mar. 26, 1912, priority denied as to claim 1.
- 1,021,604 Circuit breaker, H. E. Howe, Mar. 26, 1912, priority denied as to claims 1, 2 and 3.
- 1,022,601 Vaginal syringe, Rumberg and Harttung, Apr. 9, 1912, priority denied as to claims 1, 2, and 4.
- 1,023,254 Filter, K. Kiefer, Apr. 16, 1912, void, (D. C. S. D. N. Y.), 218 F. 847; void, (C. C. A. 2nd Cir.), 231 F. 733.
- 1,023,889 Account register, A. F. Staples, Apr. 23, 1912, priority denied as to claims 1 and 3.
- 1,024,550 Roofing, M. B. Becker, Apr. 30, 1912, denied priority in interference, 44 App. D. C. 432.
- 1,024,671 Socket shell, T. A. C. Both, Apr. 30, 1912, priority denied as to claims 3, 8, 10 and 11.
- 1,027,749 Annunciator apparatus, M. B. Mills, May 28, 1912, on motion to amend answer, (D. C. N. D. Ill., E. D.), 230 F. 463.

TABLE I—CHRONOLOGICAL LIST.

- 1,028,284 Water heater, E. Ruud, June 4, 1912, claims 2, 3 and 5 infringed, claims 1, 4 and 6 not infringed, (C. C. A. 2nd Cir.), 229 F. 995.
- 1,028,518 Ventilator, A. G. Wilson, June 4, 1912, priority denied as to claims 1, 2, 3 and 4.
- 1,028,708 Book and pamphlet making machine, C. Gitzendanner, June 4, 1912, priority denied as to claims 1, 3, 4, 5, 6, 8, 10, 11, 13, 14 and 15.
- 1,028,959 Double acting pump jack, W. T. Pittman, June 11, 1912, priority denied as to claims 1, 2, 4, 5, 6, 8, 9, 10, 11, 14 and 15.
- 1,029,645 Bottle opener, H. L. Vaughan, June 18, 1912, valid and infringed, (D. C. N. D. Ill. E. D.), 204 F. 464; valid and infringed, (C. C. A. 7th Cir.), 216 F. 356.
- 1,030,834 Bowling pin, E. H. Sawyer, June 25, 1912, valid and infringed, (D. C. D. Md.), 204 F. 637.
- 1,032,347 Typewriting and computing machine, C. C. Taylor, July 9, 1912, priority denied as to claim 1.
- 1,032,557 Paper cup, L. W. Luellen, July 16, 1912, valid but not infringed, (D. C. E. D. N. Y.), 226 F. 465.
- 1,033,109 Adding machine, C. A. Lundgren, July 23, 1912, priority denied as to claims 1 and 2.
- 1,034,681 Buckle, W. B. Bliss, Aug. 6, 1912, infringes 972,937, (C. C. A. 9th Cir.), 217 F. 394.
- 1,035,098 Walking toy figure, H. Muller, Aug. 6, 1912, void on motion for preliminary injunction, (C. C. A. 2nd Cir.), 201 F. 527.
- 1,035,610 Automobile bumper, F. Lederer, Aug. 13, 1912, claims 9, 10, 11 and 12 valid and infringed, (C. C. A. 7th Cir.), 235 F. 527.
- 1,035,687 Flying machine, T. W. Carey, Jr., Aug. 13, 1912, priority denied as to claims 1, 3, 4 and 5.
- 1,037,021 Air-cushioning mechanism, J. S. Kiesel, Aug. 27, 1912, priority denied as to claims 1, 2, 3 and 6.
- 1,037,359 Bottle sealing machine, W. F. Stone, Sept. 3, 1912, priority denied as to claims 1, 2, 6 and 7.
- 1,037,538 Process of refining copper, Rockey and Eldridge, Sept. 3, 1912, priority denied as to claims 12 and 17.
- 1,037,719 Varnish, L. H. Baekeland, Sept. 3, 1912, valid and infringed, (D. C. E. D. N. Y.), 225 F. 539.

TABLE I—CHRONOLOGICAL LIST.

- 1,037,881 Edible oil product, C. Ellis, Sept. 10, 1912, priority denied as to claims 11, 12, 13 and 14.
- 1,038,773 Desiccating apparatus, J. C. MacLachlan, Sept. 17, 1912, priority denied as to claim 22.
- 1,039,130 Adding and writing machine, H. Hopkins, Sept. 24, 1912, claims 7, 29, 32, 65, 113, 141, 142, 147, 153, 158, 170, 176, 185, 200, 235, 236, 238, 240, 241, 245, 246, 250 and 254 infringed, (D. C. E. D. Mo., E. D.), 223 F. 51; not infringed, (C. C. A. 8th Cir.), 236 F. 936.
- 1,039,355 Grass collector for lawn mowers, W. Boss, Sept. 24, 1912, void, (C. C. A. 8th Cir.), 219 F. 887.
- 1,039,864 Valve, W. B. S. Whaley, Oct. 1, 1912, priority denied as to claims 1, 3, 7 and 10.
- 1,040,096 Eyeglass mounting, L. F. Adt, Oct. 1, 1912, void, (C. C. A. 1st Cir.), 226 F. 925.
- 1,040,532 Process of hydrogenating oily material, C. Ellis, Oct. 8, 1912, priority denied as to claims 3 and 4.
- 1,040,969 Door controlling means, H. G. Voight, Oct. 8, 1912, priority denied as to claims 2, 3 and 4.
- 1,042,023 Clamp for lens holders, C. Miller, Oct. 22, 1912, infringes claim 1 of 801,078, (D. C. W. D. N. Y.), 236 F. 141.
- 1,042,110 Phonograph, J. H. J. Haines, Oct. 22, 1912, not infringed, (C. C. A. 2nd Cir.), 235 F. 137.
- 1,042,871 Steam turbine, O. D. H. Bentley, Oct. 29, 1912, infringes claims 1 and 5 of 741,385, (D. C. Mass.), 222 F. 297; infringes claims 1 and 5 of 741,385, (C. C. A. 1st Cir.), 231 F. 162.
- 1,043,021 Paper coating machine, C. W. Mayer, Oct. 29, 1912, valid and infringed, (D. C. W. D. N. Y.), 237 F. 654.
- 1,043,854 Holder for individual drinking cups, L. W. Luellen, Nov. 12, 1912, valid and infringed, (D. C. D. N. J.), 220 F. 331 and 335.
- 1,044,533 Forms for openings in buildings, D. G. Johnston, Nov. 19, 1912, valid and infringed, (D. C. S. D. Ia., Davenport Div.), 237 F. 668.
- 1,044,944 Pulley brake for motor controlled apparatus, M. Taigman, Nov. 19, 1912, valid and infringed, (C. C. A. 2nd Cir.), 223 F. 787.

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- 1,045,134** Rotary motor, W. S. Elliott, Nov. 26, 1912, claims 1, 2, 3, 5, 6, 8, 9, 10, 11 and 16 void, (D. C. W. D. Pa.), 219 F. 899; valid and infringed, (C. C. A. 3rd Cir.), 230 F. 614.
- 1,045,251** Carbureter, T. F. Bourne, Nov. 26, 1912, priority denied as to claims 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 14 and 15.
- 1,046,066** Electric welding, J. Harmatta, Dec. 3, 1912, valid and case remanded, (C. C. A. 1st Cir.), 227 F. 428; application for leave to amend answer denied, (C. C. A. 1st Cir.), 236 F. 1022.
- 1,047,849** Sample card, B. F. Stenz, Dec. 17, 1912, on motion for preliminary injunction, valid but not infringed, (C. C. A. 2nd Cir.), 221 F. 637.
- 1,048,532** Condenser, E. G. Helander, Dec. 31, 1912, priority denied as to claim 1.
- 1,048,620** Carbureter, E. B. Williams, Dec. 31, 1912, priority denied as to claims 1 and 2.

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- 1,049,771** Conduit for electric wires, F. D. Saylor, Jan. 7, 1913, does not infringe 693,916, (D. C. W. D. Pa.), 210 F. 462; infringes claims 2 and 6 of 693,916, (C. C. A. 3rd Cir.), 212 F. 407.
- 1,049,785** Loose-leaf binder, R. M. Watson, Jan. 7, 1913, does not infringe 778,070, (C. C. A. 8th Cir.), 238 F. 177.
- 1,049,930** Fruit drier, L. B. Skinner, Jan. 7, 1913; priority denied as to claim 1.
- 1,050,357** Ore dock, M. Toltz, Jan. 14, 1913, priority denied as to claims 15, 16, 17, 18 and 19.
- 1,050,828** Machine for turning multiple diameter shafts, F. K. Hendrickson, June 21, 1913, priority denied as to claims 1 and 2.
- 1,051,789** Developing tube, J. E. Wallace, Jan. 28, 1913, priority denied as to claims 1, 2, 3 and 4.
- 1,052,270** Demountable rims for wheels, L. H. Perlman, Feb. 4, 1913, claims 8, 11, 12 and 13 valid and infringed, (D. C. S. D. N. Y.), 231 F. 453; claims 8, 11, 12 and 13 valid and infringed, (C. C. A. 2nd Cir.), 231 F. 734.
- 1,053,055** Rotary motor, Mills and Conn, Feb. 11, 1913, claim 10 void, (D. C. W. D. Pa.), 219 F. 899; void, (C. C. A. 3rd Cir.), 230 F. 614.

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- 1,053,215 Rotary scraping tool, M. F. Powell, Feb. 18, 1913, priority denied as to claims 11, 12 and 13.
- 1,053,370 Water heater, J. Ellis, Feb. 18, 1913, infringes claims 4, 5, 20, 21 and 22 of 993,723, (C. C. A. 3rd Cir.), 228 F. 674.
- 1,053,565 Machine for the manufacture of bottle closures, A. Bogdanffy, Feb. 18, 1913, motion for attachment granted, (D. C. E. D. N. Y.), 206 F. 473.
- 1,053,898 Method for manufacturing bottle closures, A. Bogdanffy, Feb. 18, 1913, motion for attachment granted, (D. C. E. D. N. Y.), 206 F. 473.
- 1,053,940 Electric motor, J. Burke, Feb. 18, 1913, valid and infringed, (C. C. A. 2nd Cir.), 232 F. 145; petition for rehearing denied, (C. C. A. 2nd Cir.), 234 F. 93.
- 1,054,423 Method of laying cork tiles, D. E. Kennedy, Feb. 25, 1913, void, (D. C. S. D. N. Y.), 232 F. 477.
- 1,054,424 Tile flooring, D. E. Kennedy, Feb. 25, 1913, void, (C. C. A. 2nd Cir.), 225 F. 371.
- 1,055,235 Fabric drier, W. M. Schwartz, Mar. 4, 1913, priority denied as to claims 1 and 3.
- 1,055,258 Cable carrier apparatus, L. W. Chism, Mar. 4, 1913, does not infringe claims 3, 7, 8 and 11 of 960,617, (D. C. D. Mass.), 238 F. 201.
- 1,055,672 Process for reforging worn car wheels, E. E. Slick, Mar. 11, 1913, void, (D. C. W. D. Pa.), 216 F. 164; void on bill under Sec. 4915, (C. C. A. 3rd Cir.), 230 F. 627.
- 1,055,743 Plowshare, G. W. Hammers, Mar. 11, 1913, priority denied as to claims 1, 2 and 3.
- 1,056,415 Apparatus for applying abrasives to grinding apparatus, H. K. Hitchcock, Mar. 18, 1913, claims 3, 6, 9, 15, 20 and 23 not infringed, (D. C. W. D. Pa.), 216 F. 766; valid and claims 3, 6, 9, 15 and 20 infringed, (C. C. A. 3rd Cir.), 227 F. 227.
- 1,056,416 Method of applying abrasives to grinding apparatus, H. K. Hitchcock, Mar. 18, 1913, claims 1, 2 and 6 not infringed, (D. C. W. D. Pa.), 216 F. 766; valid, claims 1, 2 and 6 infringed, (C. C. A. 3rd Cir.), 227 F. 227.

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- 1,057,911** Vulcanizing device for tires, C. F. Adamson, Apr. 1, 1913, decree of District Court reversed with direction to dismiss bill, (C. C. A. 8th Cir.), 227 F. 93; decision (227 F. 93) reversed, (U. S. Sup. Ct.), 242 U. S. 350.
- 1,057,915** Typewriting and computing machine, G. J. Barrett, Apr. 1, 1913, priority denied as to claim 6.
- 1,058,737** Filter, W. S. Elliott, Apr. 15, 1913, priority denied as to claim 1.
- 1,058,782** Railway mail crane, B. W. Mudge, Apr. 15, 1913, priority denied as to claims 1, 2, 3, 4, 5, 6, 7, 8 and 9.
- 1,058,968** Combined water heater and sprinkler system, W. B. Hammond, Apr. 15, 1913, valid and infringed, (D. C. D. Mass.), 233 F. 531.
- 1,059,720** Process of making hardened fat, C. Ellis, Apr. 22, 1913, priority denied as to claims 1 and 2.
- 1,060,550** Talking machine, E. R. Johnson, Apr. 29, 1913, not infringed, (C. C. A. 2nd Cir.), 229 F. 999.
- 1,062,177** Register, J. T. McElfatriek, May 20, 1913, priority denied as to claims 1, 2, 3 and 4.
- 1,062,800** Cushion frame for cycles, J. H. Sager, May 27, 1913, priority denied as to claims 1 and 2.
- 1,063,148** Carbureter, R. M. Anderson, May 27, 1913, valid but not infringed, (D. C. N. D. Ill., E. D.), 220 F. 154.
- 1,063,533** Candy product and process of making, G. S. Gordon, June 3, 1913, on motion to punish for contempt of an injunction, (D. C. S. D. N. Y.), 233 F. 430.
- 1,065,214** Chain mat for resilient tires, M. A. Carter, July 17, 1913, priority denied as to claims 1, 2 and 3.
- 1,065,297** Waist grip, G. H. Crawford, June 17, 1913, valid but not infringed, (D. C. E. D. N. Y.), 215 F. 117.
- 1,065,903** Paper fastening device, G. P. Bump, June 24, 1913, claims 1, 8, 12, and 15 not infringed, (C. C. A. 7th Cir.), 236 F. 242.
- 1,066,037** Automobile horn, N. C. Oddo, July 1, 1913, priority denied as to claim 1.
- 1,066,070** Driving mechanism, A. W. Altorfer, July 1, 1913, priority denied as to claims 5, 7, 8, 11, 12, 13 and 14.

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- 1,066,550 Car underframe, V. M. Summa, July 8, 1913, priority denied as to claims 1, 2, 3, 4, 5, 7, 8, 9 and 10.
- 1,066,795 Log bunk, E. G. Chandler, July 8, 1913, does not infringe 901,815, (C. C. A. 9th Cir.), 230 F. 444.
- 1,067,074 Dump car, Strellner and Sierk, July 8, 1913, priority denied as to claim 3.
- 1,069,436 Stay bolt, H. A. Lacerda, Aug. 5, 1913, priority conceded as to claims 1 and 3.
- 1,069,769 Horse collar stuffing machine, H. E. Doane, Aug. 12, 1913, order granting preliminary injunction affirmed, (C. C. A. 6th Cir.), 216 F. 599.
- 1,069,953 Calculating machine, W. W. Hopkins, Aug. 12, 1913, priority denied as to claims 55, 56, 57, 61, 62, 67, 68, 69, 70, 71, 72 and 73.
- 1,070,080 Electric car lighting system, H. G. Thompson, Aug. 12, 1913, claims 4, 9, 10, 11, 12 and 13 valid and infringed, (D. C. W. D. N. Y.), 229 F. 429.
- 1,070,457 Mushroom bullet, A. B. Gully, Aug. 19, 1913, priority denied as to claim 1.
- 1,071,018 Locking device for cable carriers, G. A. Amsden, Aug. 26, 1913, valid and infringed, (D. C. D. Mass.), 238 F. 201.
- 1,071,027 Automatic pastry making machine, F. A. Bruckman, Aug. 26, 1913, on motion by defendants not infringed, (D. C. W. D. Mo.), Frederick A. Bruckman et al. v. Roberts Cone Mfg. Co.; Decree dated Oct. 1916, (not reported).
- 1,071,221 Apparatus for treating oils with gases, C. Ellis, Aug. 26, 1913, priority denied as to claim 1.
- 1,071,364 Alloy of iron, Speer and Forster, Aug. 26, 1913, void, (D. C. W. D. Pa.), 236 F. 756.
- 1,071,442 Preparation of granular carbon, J. C. Lee, Aug. 26, 1913, priority denied as to claim 2.
- 1,071,472 Fruit sorter, L. B. Skinner, Aug. 26, 1913, claims 2, 3, 4, 5, 7, 15 and 16 void, (D. C. S. D. Fla.), 236 F. 359.
- 1,071,612 Typewriting machine, Farnham, Smith and Phelps, Aug. 26, 1913, priority denied as to claims 164, 165, 166 and 168.
- 1,072,168 Machine for preparing insoles, G. E. Rollins, Sept. 2, 1913, priority denied as to claim 3.

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- 1,072,576 Relief device for compressors, R. Conrader, Sept. 9, 1913, valid and infringed, (D. C. W. D. N. Y.), 226 F. 207; valid but not infringed, (C. C. A. 2nd Cir.), 238 F. 349.
- 1,072,688 Lantern, C. Bergener, Sept. 9, 1913, valid and infringed, (D. C. W. D. N. Y.), 236 F. 763.
- 1,072,709 Savings bank, C. Fisher, Sept. 9, 1913, claims 1, 2, 3 and 5 not infringed, (D. C. W. D. Wis.), 224 F. 513.
- 1,072,875 Carbureter, M. L. Sammons, Sept. 9, 1913, priority denied as to claim 5.
- 1,073,640 Internal combustion engine, P. S. Smith, Sept. 23, 1913, priority denied as to claims 1, 2 and 3.
- 1,073,847 Savings bank, C. Fisher, Sept. 23, 1913, valid but not infringed, (D. C. N. D. Ill., E. D.), 224 F. 506.
- 1,074,074 See Reissue 13,886.
- 1,074,483 Food product, Wolf and Cowen, Sept. 30, 1913, on motion on punish for contempt of an injunction, (D. C. S. D. N. Y.), 233 F. 430.
- 1,074,789 Gas heating appliance, M. J. Green, Oct. 7, 1913, priority denied as to claims 1, 2, 3, 4 and 5.
- 1,074,943 Automatic clutch running cinematographs and phonographs synchronously, L. Gaumont, Oct. 7, 1913, priority denied as to claims 1 and 2.
- 1,075,136 Stop motion for cotton roving and spinning frames, Ames and Harrison, Oct. 7, 1913, priority denied as to claims 1 and 2.
- 1,075,517 Electric heater, H. B. Taylor, Oct. 14, 1913, priority denied as to claims 1, 2, 3, 5 and 6.
- 1,077,601 Running gear and draw bar attachments for mine cars, J. F. Fox, Nov. 4, 1913, priority denied as to claims 1, 2 and 8.
- 1,078,786 Automobile door hinge, Hanba and Gladfelter, Nov. 18, 1913, priority denied as to claims 1, 2 and 3.
- 1,080,135 Underreamer for oil wells, R. E. Bole, Dec. 2, 1913, held to have been the the invention of another, (C. C. A. 9th Cir.), 227 F. 607.
- 1,080,191 Machine for rounding soles, W. C. Baxter, Dec. 2, 1913, claims 1 to 5 held not patentable, priority denied as to claims 8, 9 and 10.

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- 1,081,050 Sheet metal working machine, P. Kruse, Dec. 9, 1913, priority denied as to claim 8.
- 1,081,368 Selector mechanism for telephone systems, Craft and Dixon, Dec. 16, 1913, priority denied as to claims 1, 2, 4, 5 and 7.
- 1,081,508 Cup dispensing apparatus, L. W. Luellen, Dec. 16, 1913, valid and infringed, (D. C. E. D. N. Y.), 226 F. 465; motion to extend injunction denied, (D. C. E. D. N. Y.), 234 F. 653; on rehearing former decree adhered to, (D. C. E. D. N. Y.), 237 F. 400.
- 1,081,582 Moistening machine, C. H. Crowell, Dec. 16, 1913, priority denied as to claim 1.
- 1,082,318 Mining machine, A. H. Gibson, Dec. 23, 1913, priority denied as to claims 1, 3, 5, 7, 9, 11, 13 and 15.
- 1,082,762 Carbureter, J. W. Parkin, Dec. 30, 1913, valid and infringed, (D. C. E. D. Pa.), 226 F. 800; void, (C. C. A. 3rd Cir.), 231 F. 980.

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- 1,083,600 Music sheet driver for automatic players, F. W. Draper, Jan. 6, 1914, priority denied as to claim 2.
- 1,085,482 Engine starting device, S. I. Prescott, Jan. 27, 1914, priority denied as to claims 21, 22, 23, 24, 25, 26, 27, 28, 29, 30 and 91.
- 1,086,820 Electrical contact device, W. P. Hammond, Feb. 10, 1914, not infringed, (C. C. A. 2nd Cir.), 234 F. 337.
- 1,087,977 Leaf controlling means for credit registers, F. J. Peterson, Feb. 24, 1914, priority denied as to claims 1, 2, 3, 4, 5, 6, 7 and 8.
- 1,088,854 Fuel feed system for engines with starters, G. R. Wadsworth, Mar. 3, 1914, priority denied as to claims 1 and 2.
- 1,089,405 Concrete dock, W. S. Ferguson, Mar. 10, 1914, valid and infringed, (C. C. A. 6th Cir.), 236 F. 924.
- 1,090,702 Base or stand, J. A. Firsching, Mar. 17, 1914, priority denied as to claims 1 and 6.
- 1,090,776 Motometer or device for indicating the condition of internal combustion engines, H. H. Boyce, Mar. 17, 1914, order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 220 F. 118.

TABLE I—CHRONOLOGICAL LIST.

- 1,090,813 Apparatus for the manufacture of coal gas, R. C. Congdon, Mar. 17, 1914, does not infringe 1,140,113, (D. C. N. D. Ga.), 234 F. 896.
- 1,091,111 Apparatus for generating gas, Carpenter and Barnum, Mar. 24, 1914, void, (D. C. N. D. Ga.), 234 F. 896.
- 1,091,364 Heel burnishing wheel, C. A. Matson, Mar. 24, 1914, priority denied as to claim 1.
- 1,091,618 Change speed gearing, W. S. Austin, Mar. 31, 1914, valid and infringed as to claims 9 to 12, (C. C. A. 6th Cir.), 225 F. 983.
- 1,091,921 Cup dispenser, L. S. Flatau, Mar. 31, 1914, priority denied as to claims 1, 2 and 3.
- 1,092,898 Folding vehicle top holder, H. D. Cox, Apr. 14, 1914, denied priority as to claim 1.
- 1,093,964 Ship steering system, J. R. Andrews, Apr. 21, 1914, priority denied as to the claim.
- 1,094,857 Process of producing available phosphoric acid, W. S. Landis, Apr. 28, 1914, priority denied as to claims 1, 2, 3 and 4.
- 1,095,163 Rod packing ring, A. Munch, Apr. 28, 1914, infringes 914,426, (C. C. A. 7th Cir.), 236 F. 739.
- 1,095,406 Bottle sealing machine, C. J. Lawson, May 5, 1914, claim 6 infringed by 1,096,527, (D. C. E. D. N. Y.), 226 F. 203; valid and infringed, (C. C. A. 2nd Cir.), 226 F. 455; not infringed, (C. C. A. 2nd Cir.), 238 F. 181.
- 1,095,696 Engine starting apparatus, J. Bijur, May 5, 1914, decree including specific performance, (D. C. W. D. N. Y.), 237 F. 89.
- 1,096,101 Armor for pneumatic tires, Frambach and Corrington, May 12, 1914, infringes 723,299, (C. C. A. 7th Cir.), 230 F. 637.
- 1,096,244 Animal operated liquid distributor, H. L. Ide, May 12, 1914, priority denied as to claim 3, 6 and 7.
- 1,096,527 Bottle sealing machine, A. Calleson, May 12, 1914, infringes claim 6 of 1,095,406, (D. C. E. D. N. Y.), 226 F. 203.
- 1,097,317 Clam shell bucket, L. J. Hatt, May 19, 1914, priority denied as to claims 1 to 7 inclusive and 9.
- 1,097,600 See Reissue 13,766.

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- 1,097,803 See Reissue 13,876.
- 1,098,228 Sectional shaking and dumping grate, C. T. Coe, May 26, 1914, priority denied as to claim 1.
- 1,098,344 Starting gearing for automobiles, P. C. Day, May 26, 1914, priority denied as to claims 1, 2 and 4.
- 1,098,694 Micrometer calipers, L. S. Starrett, June 2, 1914, infringes 717,296, (D. C. D. Mass.), 225 F. 997.
- 1,098,699 Press, Westenhiser and Jones, June 2, 1914, priority denied as to claim 1.
- 1,099,208 Double faced Teddy bear, L. S. Schiffer, June 9, 1914, priority denied as to claim 1.
- 1,099,343 Automatic exchange selector, E. B. Craft, June 9, 1914, priority denied as to claims 1, 8, 9 and 10.
- 1,099,699 Process of ore concentration, H. H. Greenway, June 9, 1914, void, (D. C. D. Del.), 237 F. 609.
- 1,099,715 Automobile head light, H. A. Myers, June 9, 1914, not infringed, (D. C. S. D. N. Y.), 235 F. 166.
- 1,099,881 Garment supporting fixture, J. V. Meyering, June 9, 1914, priority denied as to claims 4 and 9.
- 1,101,268 Steincil sheet, L. E. Fuller, June 23, 1914, on objections to interrogatories and motions for bills of particulars, (D. C. S. D. N. Y.), 235 F. 300.
- 1,101,269 Process of forming stencil sheets, L. E. Fuller, June 23, 1914, on objections to interrogatories and motions for bills of particulars, (D. C. S. D. N. Y.), 235 F.300.
- 1,101,284 Trolley harp, A. J. Howe, June 23, 1914, priority denied as to claims 1 and 2.
- 1,102,519 Sash lock, M. Lande, July 7, 1914, claims 1 and 2 valid and infringed by 1,103,629, (D. C. E. D. N. Y.), 231 F. 201.
- 1,102,555 Fabric laying machine, C. J. Sussman, July 7, 1914, infringes 819,548, (D. C. E. D. N. Y.), 235 F. 403.
- 1,102,716 Producing hydrogen and apparatus therefor, C. Bosch, July 7, 1914, priority denied as to claim 4.
- 1,102,934 Portable radiator heater, M. Lewless, July 7, 1914, priority denied as to claims 4 and 7.
- 1,103,629 Sash lock, M. J. Sternberg, July 14, 1914, infringes claims 1 and 2 of 1,102,519, (D. C. E. D. N. Y.), 231 F. 201.

TABLE I—CHRONOLOGICAL LIST.

- 1,103,787 Thermostatic pressure valve, M. Lewless, July 14, 1914, priority denied as to claims 1 and 2.
- 1,104,451 Telephone trunk selecting system, M. Setter, July 21, 1914, priority denied as to claims 3, 4 and 7.
- 1,104,959 Vacuum lightning arrester, F. S. Chapman, July 28, 1914, priority denied as to claims 8, 10, 13 and 14.
- 1,105,324 Electric horn, G. C. Dean, July 28, 1914, void, (D. C. S. D. N. Y.), 235 F. 169.
- 1,105,873 Fastening for gratings, N. Berson, Aug. 4, 1914, claim 1 valid but not infringed, (C. C. A. 2nd Cir.), 229 F. 154.
- 1,106,326 Fuel governing mechanism for internal combustion engines, A. Winton, Aug. 4, 1914, priority denied as to claims 1, 2, 3, 4 and 5.
- 1,106,761 Self-locking junction box coupling, Weikert and Pettibone, Aug. 11, 1914, priority denied as to claim 1.
- 1,106,787 Multiple tuck folding attachment, H. Corral, Aug. 11, 1914, priority denied as to claim 1.
- 1,106,828 Portable electric lamp, W. J. Monaghan, Aug. 11, 1914, priority denied as to claim 1.
- 1,107,153 Electric switch, E. E. Clement, Aug. 11, 1914, priority denied as to claim 5.
- 1,107,519 Rim fire cartridge, F. O. Hoagland, Aug. 18, 1914, priority denied as to claims 1 and 2.
- 1,108,758 Linotype mechanism, T. S. Homans, Aug. 25, 1914, does not infringe claims 1 and 2 of 619,441, (D. C. S. D. N. Y.), 229 F. 168; does not infringe claims 1 and 2 of 619,441, (C. C. A. 2nd Cir.), 229 F. 407.
- 1,108,782 Electric signaling device for elevators, F. S. Payne, Aug. 25, 1914, claim 3 not infringed, (C. C. A. 2nd Cir.), 231 F. 744.
- 1,109,858 Necktie, G. W. Mills, Jr., Sept. 8, 1914, void, (D. C. S. D. N. Y.), 232 F. 161.
- 1,109,950 Electric signaling device for elevators, A. Andren, Sept. 8, 1914, claims 1, 3, 4, 5, 10, 12, 14, 15, 18 and 19 not infringed, (C. C. A. 2nd Cir.), 231 F. 744.
- 1,109,958 Mail opening machine, C. J. Bryant, Sept. 8, 1914, priority denied as to claims 5, 6, 8, 9 and 12.
- 1,110,460 Telephone exchange system, F. Schoenwolf, Sept. 15, 1914, priority denied as to claims 5, 6, 35, 37, 38 and 39.

TABLE I—CHRONOLOGICAL LIST.

- 1,110,698 Speed measure, F. N. Lambert, Sept. 15, 1914, priority denied as to claim 1.
- 1,111,219 Barrel jack, A. R. Daugherty, Sept. 22, 1914, order granting preliminary injunction affirmed, (C. C. A. 3rd Cir.), 219 F. 219.
- 1,111,885 Engine starter, S. Deutsch, Sept. 29, 1914, priority denied as to claims 1 to 9 inclusive.
- 1,111,963 Spark plug, G. Knorr, Sept. 29, 1914, infringed, (D. C. S. D. Ia., C. D.), 228 F. 127.
- 1,114,375 Rotary drill, T. F. Litaker, Oct. 20, 1914, priority denied as to claim 1.
- 1,115,399 Machine for preparing warps for weaving, H. D. Colman, Oct. 27, 1914, motion to strike out granted, (D. C. D. Mass.), 235 F. 531.
- 1,115,629 Sheet hold-down attachment for fly-sticks, R. L. Ward, Nov. 3, 1914, priority denied as to claims 1, 2, 3 and 4.
- 1,115,895 Towel holder, C. F. Brown, Nov. 3, 1914, priority denied as to claims 1, 2 and 3.
- 1,118,047 Lubrication of internal combustion engines, P. A. Poppe, Nov. 24, 1914, priority denied as to claims 2 and 3.
- 1,118,490 Telephone system, D. S. Hulfish, Nov. 24, 1914, priority denied as to claim 16.
- 1,118,802 Knit undergarment, J. H. Reaney, Nov. 24, 1914, priority denied as to claims 1, 2, 3 and 4.
- 1,120,057 Automobile horn, M. R. Hutchinson, Dec. 8, 1914, claim 12 valid and infringed, (D. C. E. D. N. Y.), 225 F. 74; claim 12 void, (C. C. A. 2nd Cir.), 231 F. 719.
- 1,120,596 Bottling machine, A. A. Carper, Dec. 8, 1914, claims 6, 9, 10 and 24 valid and infringed, claim 1 not infringed, (D. C. D. Md.), 229 F. 748.
- 1,121,327 Lacing hook setting machine, E. Curran, Dec. 15, 1914, priority denied as to claims 6, 26, 27 and 28.
- 1,121,638 Typewriting machine, A. G. F. Kurowski, Dec. 22, 1914, priority denied as to claim 11.
- 1,122,008 Combined starting and relief valve, B. Kramer, Dec. 22, 1914, priority denied as to claims 1, 4 and 10.
- 1,122,556 Automatic trunking system, F. J. Truby, Dec. 29, 1914, priority denied as to claim 3.

TABLE I—CHRONOLOGICAL LIST.

- 1,122,683 Apparatus for generating gas, Carpenter and Barnum, Dec. 29, 1914, not infringed, (D. C. N. D. Ga.), 234 F. 896.

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- 1,126,679 Valve mechanism, W. Arter, Feb. 2, 1915, priority denied as to claims 15 and 17.
- 1,128,043 Apparatus for feeding finely divided material, W. S. Quigley, Feb. 9, 1915, priority denied as to claims 3 and 4.
- 1,128,520 Pressing machine, L. Rosenbaum, Feb. 16, 1915, priority denied as to claims 1 and 2.
- 1,128,852 Rivet setting machine, J. W. Coombs, Feb. 16, 1915, does not infringe claims 1, 2 and 5 of 753,281, (C. C. A. 1st Cir.), 236 F. 230.
- 1,128,972 Counting device for computing machines, J. E. W. Greve, Feb. 16, 1915, priority denied as to claims 1 and 2.
- 1,131,652 Lamp, W. F. Anklam, Mar. 16, 1915, priority denied as to claims 1, 2, 5 and 6.
- 1,132,099 Bracelet or endless chain, R. King, Mar. 16, 1915, priority denied as to claims 2, 3, 4 and 5.
- 1,134,065 Machine for vacuum sealing, J. V. Hull, Mar. 30, 1915, claim 1 valid and infringed, claims 14, 15 and 16 void, (D. C. S. D. N. Y.), 232 F. 156.
- 1,134,067 Closure, J. V. Hull, Mar. 30, 1915, claims 4, 5 and 6 valid and infringed, (D. C. S. D. N. Y.), 232 F. 156.
- 1,134,284 Lasting shell and upper protector, C. H. Nickerson, Apr. 6, 1915, priority denied as to claims 1 and 2.
- 1,134,619 Machine for affixing linings to shoe soles, J. A. Kelly, Apr. 6, 1915, priority denied as to claims 2 and 8.
- 1,135,299 Lifting jack, B. Larsen, Apr. 13, 1915, priority denied as to claim 8.
- 1,136,253 Pieced outer sole, C. H. Merrow, Apr. 20, 1915, priority denied as to claim 1.
- 1,137,715 Vending machine, Rast and Peirce, Apr. 27, 1915, priority denied as to claims 2 and 3.
- 1,137,921 Temperature controlling device, M. O. Snediker, May 4, 1915, priority denied as to claims 3 and 4.

TABLE I—CHRONOLOGICAL LIST.

- 1,138,089 Method and means for statistical accounting, W. J. Crumpton, May 4, 1915, priority denied as to claims 22, 33, 34, 129, 130 and 131.
- 1,138,264 Mattress and cushion, Van Vorst and Fulkerson, May 4, 1915, priority denied as to claims 1, 2, 3, 4, 5 and 6.
- 1,138,349 Train controlling device, A. L. Bower, May 4, 1915, priority denied as to claims 2, 3 and 4.
- 1,138,450 Ice cream cone machine, F. A. Bruckman, May 4, 1915, consent decree sustaining the validity of claims 1, 2, 3, 23, 24, 29, 32, 33, 34, 37, 64, 66, and 67, (D. C. W. D. Mo.), Frederick A. Bruckman et al. v. Roberts Cone Mfg. Co.; Decree dated Oct. 1916 (not reported).
- 1,138,669 Hat sweat sewing machine, Knight and Bauer, May 11, 1915, infringes claim 4 of 747,963, (C. C. A. 2nd Cir.), 229 F. 726.
- 1,138,686 Collar ironing machine, W. W. Quinn, May 11, 1915, motion to strike out denied, (D. C. N. D. N. Y.), 227 F. 629.
- 1,138,900 Rear axle construction for motor vehicles, C.L.Smith, May 11, 1915, priority denied as to claims 1, 2 and 3.
- 1,140,012 Gear-cutting machine, M. Tibbetts, May 18, 1915, priority denied as to claims 14, 19 and 20.
- 1,140,113 Process of manufacturing coal gas, Carpenter and Barnum, May 18, 1915, not infringed by 1,090,813, (D. C. N. D. Ga.), 234 F. 896.
- 1,141,880 Lamp, J. F. Mitchell, June 1, 1915, priority denied as to the claim.
- 1,143,223 Tabulating, back-spacing, key-connecting and color-selecting mechanism, E. Parmly, Jr., June 15, 1915, priority denied as to claims 1, 12 and 13.
- 1,143,723 Side frame and journal box, E. W. Palmquist, June 22, 1915, priority denied as to claims 1, 2, 3 and 4.
- 1,143,998 Line switch, J. G. Roberts, June 22, 1915, priority denied as to claim 3.
- 1,146,324 Dyeing machine, J. H. & D. M. Giles, July 13, 1915, does not infringe 659,906, (D. C. N. D. N. Y.), 231 F. 746.
- 1,147,025 Telephony, M. L. Johnson, July 20, 1915, priority denied as to claims 1 and 2.

TABLE I—CHRONOLOGICAL LIST.

- 1,148,780 Cement packing machine, A. V. Jensen, Aug. 3, 1915, priority denied as to claims 1 to 9 inclusive.
- 1,151,524 Animal operated liquid distributor, H. L. Ide, Aug. 24, 1915, priority denied as to claims 5 and 6.
- 1,152,649 Golf tee, L. W. Luellen, Sept. 7, 1915, priority denied as to claims 1, 2, 3, 4, 5, 6, 7, 8 and 11.
- 1,152,791 Electric railway switch, R. V. Collins, Sept. 7, 1915, does not infringe claim 3 of 612,702, (D. C. E. D. N. Y.), 227 F. 613; does not infringe claim 3 of 612,702, (C. C. A. 2nd Cir.), 238 F. 172.
- 1,155,094 Mixture producing device and speed governor, E. Podlesak, Sept. 28, 1915, priority denied as to claims 2, 3, 4, 5, 6, 9, 10 and 11.
- 1,156,036 Tag, F. K. Plympton, Oct. 5, 1915, priority denied as to claim 2.
- 1,156,371 Elastic fluid turbine, C. B. Rearick, Oct. 12, 1915, priority denied as to claim 25.
- 1,156,454 Electric light fixture, G. W. Bayley, Oct. 12, 1915, motion to dismiss bill sustained, (D. C. S. D. N. Y.), 237 F. 671.
- 1,157,009 Self-rotating screen, F. Lara, Oct. 19, 1915, priority denied as to claims 8, 9, 10, 11, 12 and 13.
- 1,157,343 Electrically heated tool, W. I. Thompson, Oct. 19, 1915, priority denied as to claim 3.
- 1,158,186 Package wrapping machine, J. W. Dearborn, Oct. 26, 1915, priority denied as to claims 1, 3, 4, 7 and 8.
- 1,158,364 Process of making cohering masses, D. H. Bibb, Oct. 26, 1915, priority denied as to claims 4 and 5.
- 1,160,702 Insulator, G. Faccioli, Nov. 16, 1915, priority denied as to claim 1.

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- 1,167,608 Electric coupling for cars, Winsor and Corliss, Jan. 11, 1916, priority denied as to claims 1 and 2.
- 1,168,288 Razor, F. N. Davidson, Jan. 18, 1916, priority denied as to claims 1 and 2.
- 1,169,582 Drilling or boring tool, Treglown and Noble, Jan. 25, 1916, priority denied as to claim 1.

TABLE I—CHRONOLOGICAL LIST.

- 1,169,667 Golf club, W. H. Meguyer, Jan. 25, 1916, priority denied as to claim 1.
- 1,170,197 Cement mold, Styll and Parsons, Feb. 1, 1916, priority denied as to claims 1, 2 and 3.
- 1,170,212 Winding machine, Allen and Westcott, Feb. 1, 1916, priority denied as to claim 1.
- 1,171,030 Finger ring, J. Finberg, Feb. 8, 1916, priority denied as to claim 1.
- 1,172,914 Linotype slug, F. H. Steifel, Feb. 22, 1916, priority denied as to claim 1.
- 1,173,763 Can lining machine, L. A. Baker, Feb. 29, 1916, priority denied as to claims 1, 3, 4, 13 and 18.
- 1,174,244 Gearing, J. Edens, Mar. 7, 1916, priority denied as to claim 1.
- 1,175,579 Service meter circuit for telephone systems, F. Aldendorff, Mar. 14, 1916, priority denied as to claim 1.
- 1,191,029 Bread wrapping, labeling and sealing machine, J. P. Norwood, July 11, 1916, priority denied as to claims 2, 3, 4, 8, 23 and 24.
- 1,191,177 Electric metering system, V. S. Hardey, July 18, 1916, priority denied as to claims 4, 6, 15, 16, 18, 20 and 21.

TABLE II.

REISSUE.

Chronological List of Adjudicated Reissue Patents.

(This list supplements that of Table I. Even though a patent was reissued, such adjudications thereof as occurred prior to the reissue will be found under Table I).

- 3,985** (original 25,373). Box machine, Terry, Terry & Robeson, May 17, 1870, decree pro confesso in re infringement by 100,621, (C. C. E. D. Pa.), data set forth at Liber R 13, p 360 in the assignment records of the U. S. Patent Office.
- 7,897** (original 54,614). Fruit box, J. Shepard & B. B. Lewis, (C. C., E. D. N. Y.), Federal Cases No. 9,039.
- 8,599** (original 55,709). Fruit box, Charles Reese, Feb. 25, 1879, (C. C., E. D. N. Y.), Federal Cases No. 9,039.
- 11,282** (original 445,235). Wood pulp digester, G. F. Russell, Nov. 15, 1892, void, claim 1 if conceded validity not infringed, (C. C. N. D. N. Y.), 151 F. 47; valid, infringed, (C. C. A. 2d Cir.), 157 F. 660; exceptions to master's report overruled, (C. C. N. D. N. Y.), 190 F. 39; decree awarding nominal damages reversed, (C. C. A. 2nd Cir.), 193 F. 653; valid and infringed, (D. C. N. D. N. Y.), 217 F. 51; not infringed by 644,367, (D. C. N. D. N. Y.), 217 F. 57; valid and infringed, (C. C. A. 6th Cir.), 228 F. 700; infringed, (D. C. N. D. N. Y.), 235 F. 173.
- 11,536** (original 545,616). Computing scale, A. U. Smith, Apr. 28, 1896, claims 5 and 6 valid and infringed, (C. C. A. 7th Cir.), 208 F. 410.
- 11,611** (original 533,763). Side bearing for railway cars, John C. Wands, June 15, 1897, claims 4, 5 and 6 void, (C. C., N. D. Ill., E. D.), 170 F. 968; void, (C. C. A. 7th Cir.), 178 F. 449.
- 11,624** (original 563,723). Electrolytic bath for coating metals, H. Alexander, Aug. 3, 1897, claims 1 and 3 not infringed, (C. C. D. N. J.), 163 F. 56; void and also not infringed if conceded validity, (C. C. A. 3rd Cir.), 174 F. 983.

TABLE II—REISSUES.

- 11,626 (original 570,906). Electrical burglar alarm, C. Coleman, Aug. 17, 1897, claims 6 and 21 void, claims 18 and 20 valid and infringed, (C. C. D. Minn. 4th Div.), 181 F. 350; claim 6 void, (C. C. A. 8th Cir.), 209 F. 845.
- 11,639 (original 466,081). Transom lifter, W. Ormsby, Nov. 30, 1897, void, (C. C. A. 1st Cir.), 148 F. 13.
- 11,645 (original 555,707). Telephone system—automatic ringing, J. J. O'Connell, Dec. 28, 1897, held valid and infringed Jan. 5, 1911, (C. C. E. D. Mo.), Western Electric Co. v. Kinloch Telephone Co., for compl., D. C. Tanner; Barton & Folk; E. S. Wilson, for dft., Brown & Williams; A. S. Richey, not reported.
- 11,666 (original 582,476). Furnace for heating ingots, Laughlin & Reuleaux, May 31, 1898, void, (D. C. W. D. Pa.), 203 F. 496.
- 11,672 (original 546,738). Filter, O. H. Jewell, June 28, 1898, valid and infringed, (D. C. M. D. Pa.), 208 F. 10; not infringed, (C. C. A. 3rd Cir.), 217 F. 366.
- 11,696 (original 563,664). Dental spittoon, F. Hurlbut, Sept. 27, 1898, remanded to circuit court, (C. C. A. 7th Cir.), 199 F. 116.
- 11,751 (original 590,133). Dough working and shaping machine, W. S. & C. I. Corby, June 20, 1899, claims 8 and 13 not infringed, (C. C. A. 3rd Cir.), 230 F. 142.
- 11,778 (original 620,070). Tufting machine, A. Freschl, Oct. 24, 1899, void, (C. C. A. 6th Cir.), 151 F. 478.
- 11,811 (original 609,200). Insoluble waterproof compound for coating paper etc., William A. Hall, Mar. 6, 1900, void because of prior public use, (C. C. E. D. Pa.), 172 F. 237; void as broadening the original patent, (C. C. A. 3rd Cir.), 174 F. 341.
- 11,831 (original 585,122). Sofa-bed, W. T. Rolph, June 19, 1900, valid but not infringed by 863,365, motion for rehearing denied, (C. C. N. D. Ill.), 188 F. 662.
- 11,843 (original 604,560). Leather-staking machine, Craig & Slocomb, July 31, 1900, motion to require witness to answer questions denied, (D. C. D. Del.), 201 F. 101; claims 1, 2, 3, 4, 5, 6, 13, 19, 21 and 23 valid but not infringed, (D. C. D. Del.), 227 F. 94; decree of District Court affirmed, (C. C. A. 3rd Cir.), 230 F. 1021.

TABLE II—REISSUES.

- 11,872 (original 495,443). Traveling contact for electric railways, C. J. Van Depoele, Nov. 13, 1900, void, (C. C. A. 6th Cir.), 148 F. 843; (C. C. D. N. J.), 150 F. 589; (C. C. A. 2nd Cir.), 158 F. 813.
- 11,905 (original 595,231). Oil burner, W. H. Wilder, April 9, 1901, not infringed, (C. C. E. D. N. Y.), 168 F. 712; valid but not infringed, (C. C. A. 2d Cir.), 184 F. 457.
- 11,907 (original 631,525). Wardrobe, J. E. Kennedy, May 7, 1901, not infringed, (C. C. A. 6th Cir.), 216 F. 341.
- 11,911 (original 635,343). Mechanism for operating fare registers, Ohmer and Tyler, May 28, 1901, claims 12 and 13 void, (C. C. A. 6th Cir.), 238 F. 182.
- 11,913 (original 586,193). Apparatus and method for transmitting electrical impulses, G. Marconi, June 4, 1901, preliminary injunction denied as to claim 3, (C. C., S. D. N. Y.), 154 F. 74; claim 3 valid and infringed, (D. C. E. D. N. Y.), 213 F. 815.
- 11,918 (original 428,169). Electric motor regulator, W. H. Knight, July 2, 1901, bill dismissed by stipulation, (No. 5945, S. D. Ohio), Thomson-Houston Electric Co. v. Bullock Co.; bill of complaint dismissed by stipulation, (No. 33, D. N. J.), Thomson-Houston Electric Co. v. Allis-Chalmers Co v. Bullock Co., not reported.
- 11,923 (original 637,234). Stop-motion for looms, Coldwell & Gildard, July 30, 1901, claims 19 to 25 and 27 to 30 valid and infringed, (D. C. D. Mass.), 197 F. 568; void as to claim 19 and all subsequent claims broader than claim 23, (C. C. A. 1st Cir.), 202 F. 744; claim 19 void, claims 23 and 25 valid and infringed, (D. C. D. Mass.), 205 F. 929; claim 23 valid and claim 25 invalid, (C. C. A. 1st Cir.), 213 F. 468.
- 11,982 (original 654,956). Furniture caster, A. B. Diss, May 6, 1902, valid, claims 1 and 2 infringed, (C. C. D. Conn.), 165 F. 344.
- 11,995 (original 686,022). Process of making sulfuric anhydrid, H. S. Blackmore, May 27, 1902, claims 6 to 11 awarded to Knietsch, 652,119, as prior inventor; also reissue wholly void, (C. C. S. D. N. Y.), 156 F. 968.
- 12,005 (original 694,103). Manifold-book, Alexander Levison, July 1, 1902, claims 3, 4 and 5 valid, (C. C. A. 9th Cir.), 188 F. 658.

TABLE II—REISSUES.

- 12,037 (original 589,168). Kinetographic camera, T. A. Edison, Sep. 30, 1902, claims 1, 2 and 3 valid, infringed as to one device and not infringed as to another, claim 4 void, (C. C. A. 2nd Cir.), 151 F. 767; motions for preliminary injunctions granted in part, (C. C. S. D. N. Y.), 178 F. 104; held infringed on motion for preliminary injunction, (C. C. S. D. N. Y.), 183 F. 986, 183 F. 989; validity doubtful, preliminary injunction issued by C. C. S. D. N. Y. vacated, (C. C. A. 2d Cir., May 18, 1911), not reported; relief by specific performance refused, (C. C. A. 3rd Cir.), 200 F. 352; See Reissue 13,329.
- 12,038 (original 589,168). See Reissue 12,192.
- 12,072 (original 681,457). Smoke consuming furnace, H. E. Parson, Jan. 6, 1903, claim 1 not infringed; claim 2 void, (C. C. D. N. J.), 180 F. 742; claim 1 not infringed, claim 2 void, (C. C. A. 3d Cir.), 185 F. 522.
- 12,084 (original 659,640). Composition for disinfecting, H. S. Blackmore, Feb. 24, 1903, not infringed, (D. C. E. D. Pa.), 225 F. 71.
- 12,085 (original 638,669). Clutch mechanism, A. E. Norris, Feb. 24, 1903, decree (140 F. 716) on demurrer reversed, (C. C. A. 2nd Cir.), 147 F. 239.
- 12,115 (original 727,331). Receiver of electro-magnetic waves, R. A. Fessenden, May 26, 1903, proceedings for contempt, (C. C. S. D. N. Y.), 154 F. 81.
- 12,137 (original 649,915). Computing scale, A. De Vilbiss, July 28, 1903, valid and infringed, (C. C. N. D. Ill. E. D.), 178 F. 557; valid and infringed, (C. C. A. 7th Cir.), 187 F. 826; petition for leave to open decree denied, (C. C. A. 7th Cir.), 199 F. 905.
- 12,192 (original 589,168, Reissue 12,038). Motion picture film, T. A. Edison, Jan. 12, 1904, valid and infringed, Motion Picture Patents Co. v. Chicago Film Exchange, (Sup. Ct. D. C., Dec. 23, 1911), not reported; relief by specific performance refused, (C. C. A. 3rd Cir.), 200 F. 352; claim 2 void, 39 App. D. C. 285.

TABLE II—REISSUES.

- 12,241 (original 524,396). Electric controller, W. B. Potter, July 19, 1904, void as broader than the original, (C. C. A. 7th Cir.), 178 F. 84; demurrer sustained, (No. 27,691, C. C. N. D. Ill.), General Electric Co. v. Morgan Gardner Co., Betts, Sheffield, Bentley & Betts for complt., G. S. Noble for dft.; Court of Appeals on Dec. 2, 1909 affirmed lower court dismissing bill of complaint and Supreme Court denied complainant's application for writ of certiorari, (No. 10,403, D. Ind.), General Electric Co. v. Richmond St. & Interurban Ry. Co.; complainant's prima facie proofs commenced Dec. 30, 1909, not yet completed, (No. 34, D. N. J.), General Electric Co. v. Allis-Chalmers Co., not reported.
- 12,246 (original 734,796). Dam construction, N. F. Ambursen, July 26, 1904, claims 2 and 3 void, (D. C. S. D. N. Y.), 208 F. 27; (C. C. A. 2nd Cir.), 211 F. 982.
- 12,263 (original 753,577). Thread guide for spinning or twisting machines, L. T. Houghton, Aug. 23, 1904, valid, claims 1, 2, 3 and 4 infringed, (C. C. A. 1st Cir.), 153 F. 740; claim 3 infringed, (C. C. A. 1st Cir.), 178 F. 444.
- 12,290 (original 749,539). Match box, H. A. Dodge, Nov. 29, 1904, claims 5 and 10 void, (D. C. D. N. J.), 232 F. 876.
- 12,297 (original 730,412). Fruit grader, R. Strain, Dec. 27, 1904, claims 1 and 10 valid and infringed by 997,468, (C. C. A. 9th Cir.), 205 F. 735.
- 12,300 (original 742,540). Refrigerator building, J. Wills, Jan. 3, 1905, void, (C. C. M. D. Pa.), 147 F. 525; (C. C. A. 3rd Cir.), 153 F. 181.
- 12,352 (original 745,571). Water cooler, J. T. Cole, May 30, 1905, not infringed, (C. C. A. 2nd Cir.), 167 F. 542.
- 12,393 (original 444,530). Leading-in wire for incandescent lamps, T. A. Edison, Oct. 10, 1905, void, (C. C. W. D. Pa.), 161 F. 549; valid, infringed, (C. C. A. 3rd Cir.), 167 F. 977.
- 12,396 (original 790,879). Railway torpedo, C. E. Beckwith, Nov. 7, 1905, claims 2, 8 and 9 not infringed, (D. C. D. R. I.), 228 F. 909; claims 2, 7 and 9 not infringed, (C. C. A. 1st Cir.), 237 F. 197.

TABLE II—REISSUES.

- 12,399 (original 743,995). Anti-vibration device for vehicles, J. M. M. Truffault, Nov. 7, 1905, not infringed, (C. C. S. D. N. Y.), 158 F. 103; valid, infringed, (C. C. A. 2nd Cir.), 163 F. 948.
- 12,405 (original 488,761). Window, J. H. Giesey, Nov. 7, 1905, valid and infringed, (C. C. D. N. J.), 178 F. 831.
- 12,406 (original 573,009). Dynamo, B. G. Lamme, Nov. 7, 1905, complainant's prima facie proofs closed Nov. 5, 1906, defendant's proofs not yet completed, (E. D. N. Y.), Westinghouse Co. v. American Sugar Refining Co., not reported.
- 12,430 (original 772,014). Truck, Herman Weber, Jan. 2, 1906, claims 1, 2 and 3 valid and infringed, (C. C. D. Md.), 190 F. 189.
- 12,437 (original 695,508). Frictional retarding means for spring vehicles, J. M. M. Truffault, Jan. 16, 1906, claims 1 to 10 void, (C. C. S. D. N. Y.), 158 F. 103; valid, infringed, (C. C. A. 2nd Cir.), 163 F. 948; motion for preliminary injunction denied, (C. C. D. N. J.), 172 F. 676; valid and infringed, (C. C. S. D. N. Y.), 181 F. 132; valid and infringed, (C. C. A. 3rd Cir.), 194 F. 875.
- 12,443 (original 791,216). Process and apparatus for making wire glass, E. C. Schmertz, Jan. 30, 1906, valid, infringed, (C. C. W. D. Pa.), 168 F. 73; not infringed, (C. C. A. 3rd Cir.), 178 F. 944; infringed by 867,510, (C. C. N. D. Ill., E. D.), 178 F. 977; motion for preliminary injunction denied, (C. C. N. D. Ill., E. D.), 178 F. 973; claims 1, 2, 6 and 7 valid and infringed by 867,510, (C. C. A. 7th Cir.), 185 F. 788; not infringed, (C. C. N. D. Ill., E. D.), 188 F. 436; not infringed, (C. C. A. 7th Cir.), 195 F. 760; exceptions sustained in part, (D. C. M. D. Ill., E. D.), 203 F. 1006; decree of District Court modified and affirmed, (C. C. A. 7th Cir.), 226 F. 730.
- 12,447 (original 806,394). Means for dumping coal from the bottoms of cars, W. A. Caswell, Feb. 6, 1906, claims 31, 32, 44, 48, 58 to 63, valid, not infringed, (C. C. A. 6th Cir.), 172 F. 393.

TABLE II—REISSUES.

- 12,455 (original 797,122). Filter pulp packing machine, K. Kiefer, Feb. 20, 1906, claims 9 and 10 valid but not infringed, (D. C. S. D. N. Y.), 218 F. 847; claims 9 and 10 valid but not infringed, (C. C. A. 2nd Cir.), 231 F. 733.
- 12,460 (original 751,722). Nozzle for impact water-wheels, Wm. A. Doble, Feb. 27, 1906, all claims valid and infringed, (C. C. A. 9th Cir.), 190 F. 760.
- 12,523 (original 777,209). Card sorting machine, H. Hollerith, Aug. 28, 1906, motion for preliminary injunction denied, (Supreme Court of District of Columbia), 156 O. G. 258, C. D. 1910, 259.
- 12,578 (original 735,938). Machine for manufacturing hollow concrete building-blocks, Borst & Groscop, Dec. 18, 1906, void, (C. C. A. 7th Cir.), 187 F. 814.
- 12,582 (original 580,863). Computing machine, De K. J. T. Hielt, Dec. 18, 1906, claims 55, 56, 57 void, (C. C. N. D. Ill., E. D.), 161 F. 365.
- 12,594 (original 769,078). Manufacture of imitation-stone plates, slabs or tiles, L. Hatschek, Jan. 15, 1907, claims 3 and 7 valid and infringed, (C. C. S. D. N. Y.), 184 F. 620; claims 1 and 6 void, (C. C. S. D. N. Y.), 189 F. 608; suit in re misstatement of decree by complainants, verdict for defendant, (C. C. S. D. N. Y.), 189 F. 611; valid and infringed, (D. C. N. D. Ill. E. D.), 217 F. 66.
- 12,611 (original 755,074). Carbureter, T. L. and T. J. Sturtevant, Feb. 19, 1907, valid but not infringed, (D. C. N. D. Ill., E. D.), 220 F. 154.
- 12,629 (original 802,677). Can cover fastener, C. E. Bertels, Apr. 9, 1907, valid and infringed, (C. C. M. D. Pa.), 175 F. 971; void, (C. C. A. 3rd Cir.), 180 F. 730.
- 12,653 (original 723,662). Truck mechanism, W. Fetzer, May 21, 1907, void, (C. C. A. 8th Cir.), 238 F. 368.
- 12,675 (original 827,809). Combined letter sheet and envelope, J. T. H. Mitchell, July 23, 1907, claims 1 and 7 valid and infringed by 892,461, (C. C. N. D. Ill., E. D.), 183 F. 782; claims 1 and 7 not infringed by 892,461, (C. C. A. 7th Cir.), 220 F. 455.
- 12,688 (original 846,600). Water closet bend, B. Oakes, Aug. 27, 1907, denied priority in interference, 34 App. D. C. 434.

TABLE II—REISSUES.

- 12,719** (original 806,779). Water motor, Peter T. Coffield. Nov. 12, 1907, valid and infringed, (C. C. N. D. W. Va.), 169 F. 641; on motion for preliminary injunction valid and infringed, (C. C. N. D. W. Va.), 172 F. 668; valid and infringed, (C. C. N. D. W. Va.), 190 F. 42; valid and infringed, (C. C. A. 4th Cir.), 197 F. 541; order granting preliminary injunction affirmed, (C. C. A. 8th Cir.), 209 F. 614; (C. C. A. 4th Cir.), 210 F. 166; valid and infringed, (C. C. A. 8th Cir.), 227 F. 987.
- 12,725** (original 799,854). Wire-bound box, Inwood & Lavenberg, Nov. 26, 1907, valid and infringed, (D. C. N. D. Ill.), 238 F. 929.
- 12,732** (original 742,667). Hydraulic swivel, H. G. Johnston, Dec. 17, 1907, hearing Jan. 16, 1912, (D. C. E. D. Texas), not reported; not infringed, (C. C. A. 5th Cir.), 201 F. 1021.
- 12,733** (original 762,851). Washing machine, Stocking and Mendenhall, Dec. 17, 1907, valid and infringed, (D. C. S. D. N. Y.), 227 F. 1004; valid and infringed, (C. C. A. 2nd Cir.), 234 F. 88.
- 12,744** (original 810,240). Electric controller, P. A. Weyand, Jan. 28, 1908, claims 1, 2 and 29 valid and infringed, claims 11, 25 and 30 void, (D. C. E. D. Mich., S. D.), 205 F. 105; claim 29 valid and infringed, claims 1, 2 and 11 not infringed, claims 25 and 30 void, (C. C. A. 6th Cir.), 232 F. 456.
- 12,750** (original 619,567). Face plate for burial caskets, W. Hamilton, Feb. 11, 1908, not void on its face, (C. C. A. 2nd Cir.), 174 F. 413; invalid, (D. C. S. D. N. Y.), 197 F. 940; (C. C. A. 2nd Cir.), 204 F. 983.
- 12,757** (original 839,655). Incandescent lamp socket, F. E. Seeley, Mar. 3, 1908, claims 1, 2 and 3 valid and infringed, (D. C. S. D. N. Y.), 197 F. 949.
- 12,789** (original 723,139). Machine for chipping glass, J. M. Conroy, May 5, 1908, valid, (C. C. W. D. Pa.), 173 F. 299; valid and infringed, (C. C. W. D. Pa.), 181 F. 697; void, (C. C. A. 3d Cir.), 185 F. 511.

TABLE II—REISSUES.

- 12,796** (original 662,395). Centrifugal fan, S. C. Davidson, May 26, 1908, not so clearly void as to justify being so held on demurrer, (C. C. S. D. N. Y.), 173 F. 378; not void on its face on demurrer, (C. C. S. D. N. Y.), 184 F. 84; claims 1, 5, 7, 10 and 13 valid and infringed, (D. C. S. D. N. Y.), 208 F. 147; void, (C. C. A. 2nd Cir.), 220 F. 137.
- 12,797** (original 662,395). Centrifugal fan, S. C. Davidson, May 26, 1908, not so clearly void as to justify being so held on demurrer, (C. C. S. D. N. Y.), 173 F. 378; not void on its face on demurrer, (C. C. S. D. N. Y.), 184 F. 84; claims 1, 3, 4, 5, 10 and 14 valid and infringed, (D. C. S. D. N. Y.), 208 F. 147; void, (C. C. A. 2nd Cir.), 220 F. 137.
- 12,798** (original 691,495). Centrifugal fan or pump, S. C. Davidson, May 26, 1908, not void on its face on demurrer, (C. C. S. D. N. Y.), 184 F. 84.
- 12,816** See Reissue 12,924.
- 12,817** (original 850,997). Eye-guard, H. S. Cover, June 16, 1908, claim 2 void on four grounds, (C. C. N. D. Ill., E. D.), 188 F. 670.
- 12,844** (original 757,762). Drive-chain, E. F. Morse, Aug. 18, 1908, claims 6, 9, 10 and 12 void, (C. C. A. 2d Cir.), 189 F. 584.
- 12,855** (original 877,035). Buckle, M. Barabasz, Sept. 22, 1908, void, (C. C. D. Md.), 180 F. 1002.
- 12,912** (original 736,999). Chain driving gear for transmission of power, E. F. Morse, Jan. 19, 1909, void, (C. C. S. D. N. Y.), 182 F. 825.
- 12,924** (original 845,696, Reissue 12,816). Eye-guard, H. S. Cover, Mar. 2, 1909, claim 5 void on four grounds, (C. C. N. D. Ill., E. D.), 188 F. 670.
- 12,933** (original 907,407). Subaqueous rock breaker, C. L. Rowland, Mar. 30, 1909, claims 1, 2, 5, 7, 8, 10, 11, 12 and 13 valid and infringed, (C. C. D. N. J.), 193 F. 63; (C. C. A. 3rd Cir.), 201 F. 524.
- 13,033** (original 759,037). Lamp, H. F. Smith, Nov. 2, 1909, claims 22 to 30 void, not infringed if conceded validity, (D. C. S. D. N. Y.), 197 F. 951; not infringed, (C. C. A. 2nd Cir.), 210 F. 450.

TABLE II—REISSUES.

- 13,093 (original 820,347). Thermos bottle, Burger and Aschenbrenner, Mar. 15, 1910, motion to dismiss sustained, (D. C. N. D. N. Y.), 222 F. 942.
- 13,125 (original 921,494). Wire mattress, C. J. Witzel, June 28, 1910, claims 7, 10, 13, 14, 19, 20, 21, 22, 23 and 24 valid and infringed, (D. C. S. D. N. Y.), 212 F. 447; (C. C. A. 2nd Cir.), 212 F. 734; order granting preliminary injunction affirmed, (C. C. A. 2nd Cir.), 221 F. 947; claim 23 valid and infringed, claims 19, 20, 22 and 24 not infringed, (D. C. S. D. N. Y.), 229 F. 197; claims 19, 20, 22, 23 and 24 not infringed, (C. C. A. 2nd Cir.), 229 F. 426.
- 13,163 (original 916,361). Disk harrow, F. B. Niesz, Nov. 1, 1910, valid and infringed, (D. C. N. D. Ohio, E. D.), 211 F. 473.
- 13,231 (original 946,596). Shooting glasses, C. E. Cook, May 2, 1911, not infringed, (C. C. A. 7th Cir.), 236 F. 548.
- 13,329 (original 589,168, Reissue 12,037). Kinetoscope, T. A. Edison, Dec. 5, 1911, hearing March 22, 1912, on motion for preliminary injunction, Motion Picture Patents Co. v. Laemmle et al., same v. Imp Films Co. et al., (D. C. S. D. N. Y.), not reported; claims 1, 2, 3 and 5 valid and infringed, claim 4 if valid, not infringed, (D. C. S. D. N. Y.), 214 F. 787; motion to dismiss denied and restraining order granted, (D. C. D. N. J.), 217 F. 247.
- 13,352 (original 1,005,005). Vacuum cleaner, C. A. Dillon, Jan. 9, 1912, valid and infringed, (D. C. E. D. Wis.), 236 F. 746.
- 13,361 (original 812,976). Dental tool, G. T. Carpenter, Jan. 16, 1912, application denied priority in interference, 36 App. D. C. 178.
- 13,398 (original 789,053). Note sheet guide for player pianos, J. O'Connor, Apr. 2, 1912, decree dismissing bill affirmed, (C. C. A. 2nd Cir.), 222 F. 276; valid and infringed, (C. C. A. 2nd Cir.), 234 F. 314.
- 13,421 (original 918,049). Machine for reseating valves, R. H. Hazeltine, May 21, 1912, void, (D. C. S. D. N. Y.), 205 F. 760; valid and infringed, (C. C. A. 2nd Cir.), 213 F. 35.

TABLE II—REISSUES.

- 13,432** (original 921,584). Outlet box for electric conduits, W. A. Bonnell, June 25, 1912, claims 10 and 16 void, claim 6 not infringed, (C. C. A. 2nd Cir.), 238 F. 171.
- 13,436** (original 1,020,655). Starch glue, F. G. Perkins, July 2, 1912, claims 13, 16, 19, 24, 28 and 38 valid and infringed, (D. C. N. D. Ill., E. D.), 223 F. 792.
- 13,466** (original 1,019,115). Eyeglass mounting, L.F.Adt, Sept. 17, 1912, void, (C. C. A. 1st Cir.), 226 F. 925.
- 13,489** (original 615,909). Linotype mechanism, J. R. Rogers, Nov. 19, 1912, claims 6 and 7 valid and infringed, (D. C. S. D. N. Y.), 229 F. 168.
- 13,542** (original 821,580). Acetylene lamp, F. E. Baldwin, Mar. 11, 1913, claim 4 valid and infringed, (D. C. W. D. Pa.), 215 F. 735; claim 4 void, (C. C. A. 3rd Cir.), 219 F. 735; claim 4 valid and infringed, (D. C. S. D. N. Y.), 227 F. 455; claim 4 valid and infringed, (C. C. A. 2nd Cir.), 228 F. 895.
- 13,561** (original 962,425). Box car body, W. E. Fowler, May 13, 1913, claims 1, 15, 16 and 17 void, (C. C. A. 7th Cir.), 237 F. 202.
- 13,574** (original 879,195). Wind shield for motor vehicles, H. S. Samuel, June 10, 1913, valid, claims 2, 3 and 5 infringed, (D. C. W. D. N. Y.), 233 F. 678; void, (C. C. A. 2nd Cir.), 238 F. 365.
- 13,579** (original 956,207). Tie plug machine, H. G. Smart, June 17, 1913, void, (C. C. A. 8th Cir.), 227 F. 84.
- 13,653** (original 993,061). Shield for car windows, W. B. Hanlon, Dec. 2, 1913, claims 1 and 2 void, (C. C. A. 6th Cir.), 233 F. 673.
- 13,766** (original 1,097,600). Glass making, G. A. Macbeth, July 7, 1914, void, (D. C. N. D. Ohio, E. D.), 231 F. 183.
- 13,876** (original 1,097,803). Cow-milking apparatus, A. V. and R. L. Hinman, Feb. 9, 1915, claims 11 to 21 valid and infringed, (D. C. N. D. N. Y.), 231 F. 174.
- 13,886** (original 1,074,074). Bag lock, L. Wertheim, Feb. 23, 1915, claim 2 void, (C. C. A. 2nd Cir.), 232 F. 474.
- 13,903** (original 783,902). Carbureter, R. Shipman, Apr. 20, 1915, claim 15 valid, but not infringed, (D. C. D. Md.), 237 F. 395.

TABLE III.

DESIGNS.

Chronological List of Adjudicated Design Patents.

- 8,814 Show case, J. Lehnbeuter et al., Nov.30, 1875, 105 U.S.94.
9,488 Street lamp, G. D. Burton, Sept. 5, 1876, 3 F. 642.
10,497 Street lamp, G. D. Burton, Feb. 19, 1878, 3 F. 642.
10,778 Carpet, H. Christie, Aug. 13, 1878, 10 F. 385, and 114 U. S. 439.
10,870 Carpet, C. Magee, Oct. 15, 1878, 10 F. 385, and 114 U. S. 439.
11,074 Carpet, W. L. Jacobs, Mar. 18, 1879, 10 F. 385, and 114 U. S. 439.
11,409 Jewelry setting, C. F. Wood, Sept. 9, 1879, 7 F. 475.
12,026 Newel post, H. Textor, Nov. 9, 1880, 12 F. 144.
25,318 Cereal cup, H. D. Perky, Mar. 31, 1896, does not interfere with 820,899, (C. C. A. 7th Cir.), 163 F. 252.
27,115 Sarcophagus monument, W. H. Young, May 25, 1897, void, (C. C. D. Vt.), 160 F. 103; valid and infringed, (C. C. A. 2nd Cir.), 170 F. 324.
28,190 Pump-curb, C. A. Bartliff, Jan. 18, 1898, void, (D. C. W. D. Mo., W. D.), 198 F. 857.
29,993 Bathtub seat, W. Robertson, Jan. 10, 1899, void, (D. C. S. D. N. Y.), 202 F. 760.
30,478 Grass cutting blade, H. S. Earle, Apr. 4, 1899, valid, infringed, (C. C. D. Maine), 154 F. 851.
31,838 Insulating plug for electric-line supports, L. A. Williams, Nov. 14, 1899, void, (C. C. N. D. N. Y.), 161 F. 571.
32,227 Grass hook, C. K. Tilden, Feb. 13, 1900, valid, infringed, (C. C. D. Maine), 154 F. 851.
33,633 Casing for disinfecting apparatus, E. Taussig, Dec. 4, 1900, valid, infringed, (C. C. A. 2nd Cir.), 149 F. 423.
35,922 Ornamental head for brooches, L. D. Frenot, May 27, 1902, valid, infringed, (C. C. A. 3rd Cir.), 158 F. 305.
36,607 Radiator, C. M. Woolley, Oct. 27, 1903, valid but not infringed, (C. C. A. 7th Cir.), 199 F. 424.
36,806 Artificial building blocks, H. S. Palmer, Feb. 16, 1904, void, (C. C. A. 7th Cir.), 149 F. 1001.

TABLE III—DESIGNS.

- 36,895 Trimming for ladies' underwear, Kerwin & McGinley, April 26, 1904, infringed, (C. C. E. D. Pa.), 151 F. 264.
- 37,055 Clasp pin, H. W. Fishel, July 26, 1904, not infringed, (C. C. A. 2nd Cir.), 204 F. 790.
- 37,301 Lamp, W. Gray, Jan. 24, 1905, not infringed, (C. C. E. D. Pa.), 147 F. 732; (C. C. A. 3rd Cir.), 159 F. 138.
- 37,501 Piano case, W. Lane, June 25, 1905, valid and infringed, (D. C. S. D. N. Y.), 209 F. 233; valid and infringed, (C. C. A. 2nd Cir.), 222 F. 902; decree of District Court awarding damages affirmed, (C. C. A. 2nd Cir.), 234 F. 79.
- 37,504 Inkwell, F. M. Ashley, Aug. 8, 1905, infringed by Design patent No. 40,125, (C. C. S. D. N. Y.), 181 F. 840; not infringed by Design patent No. 40,125, (C. C. A. 2d Cir.), 186 F. 339.
- 37,649 Bedspring, D. I. Tomkins, Nov. 7, 1905, valid and infringed, (C. C. S. D. N. Y.), 154 F. 669; void or not infringed, (C. C. A. 2nd Cir.), 159 F. 133.
- 37,967 Reflector, Otis A. Mygatt, April 24, 1906, anticipates Design patent No. 37,983, (C. C. A. 2d Cir.), 191 F. 836.
- 37,983 Prismatic glass reflector, O. A. Mygatt, May 1, 1906, disposition of this patent left to final hearing, (C. C. S. D. N. Y.), 181 F. 399; infringed, (C. C. S. D. N. Y.), 186 F. 343; void in view of Design patent No. 37,967, (C. C. A. 2d Cir.), 191 F. 836.
- 38,412 Hatband, J. Lichtenstein, Jan. 15, 1907, valid, infringed, (C. C. S. D. N. Y.), 161 F. 578; (C. C. S. D. N. Y.), 166 F. 319; decree (166 F. 319) reversed, (C. C. A. 2nd Cir.), 168 F. 61.
- 38,581 Ribbon, E. M. Corbett, May 21, 1907, void, (C. C. D. N. J.), 166 F. 767.
- 39,201 Lacing hook, M. N. Bray, Mar. 17, 1908, void, (C. C. A. 1st Cir.), 231 F. 170.
- 38,638 Lamp, J. J. Weyer, June 25, 1907, not infringed, (C. C. A. 7th Cir.), 180 F. 412.
- 39,347 Neck scarf, J. Mead, June 9, 1908, valid and infringed, (C. C. E. D. Wis.), 181 F. 163; (C. C. E. D. Pa.), 181 F. 166; preliminary injunction granted, (C. C. A. 3d Cir.), 183 F. 222; invalid, (C. C. N. D. Ohio, E. D., Aug. 1, 1911), *Phoenix v. Rich & Co.*, not reported; invalidity

TABLE III—DESIGNS.

affirmed, *Rich & Co. v. Phoenix*, (C. C. A. 3d Cir., Jan. 10, 1912), not reported; void, (C. C. A. 3rd Cir.), 194 F. 696; held valid and infringed on motion for preliminary injunction, (C. C. N. D. Ill.), 194 F. 700; same, (C. C. E. D. Pa.), 194 F. 702; void, (C. C. E. D. Pa.), 194 F. 703; void, not infringed if conceded validity, (C. C. N. D. Ohio, E. D.), 194 F. 708; decree of District Court denying recovery of damages reversed, (C. C. A. 3rd Cir.), 223 F. 513.

39,413 Locket, Denton and Denton, July 14, 1908, void, (C. C. A. 2nd Cir.), 225 F. 537.

39,767 Branch box for insulated electric wires, M. Havens, Jr., Jan. 12, 1909, not void on its face on demurrer, (C. C. S. D. N. Y.), 190 F. 199; valid and infringed, (C. C. A. 2nd Cir.), 218 F. 827.

39,921 Bottle, C. Boldt, Apr. 20, 1909, void on its face, (C. C. A. 6th Cir.), 194 F. 871; void on its face, (C. C. A. 7th Cir.), 199 F. 139.

39,992 Dish, Charles Graff, May 18, 1909, valid and infringed, (C. C. E. D. N. Y.), 189 F. 902; valid and infringed, (C. C. A. 2nd Cir.), 195 F. 522.

40,009 Border section for silver plate, Charles Graff, May 25, 1909, valid and infringed, (C. C. E. D. N. Y.), 189 F. 902; valid and infringed, (C. C. A. 2nd Cir.), 195 F. 522.

40,124 Spoons and forks, G. L. Crowell, Jr., July 6, 1909, valid and infringed, (C. C. A. 2nd Cir.), 209 F. 223.

40,125 Inkwell, S. E. Hilles, July 6, 1909, infringes Design patent No. 37,504, (C. C. S. D. N. Y.), 181 F. 840; does not infringe Design patent No. 37,504, (C. C. A. 2d Cir.), 186 F. 339.

40,182 Reflector, O. A. Mygatt, July 27, 1909, void, (C. C. A. 2nd Cir.), 218 F. 827.

40,789 Clothesbrush, J. Webster, July 26, 1910, valid and infringed, (D. C. D. R. I.), 195 F. 538; valid and infringed, (C. C. A. 1st Cir.), 200 F. 54.

40,832 Spoons and forks, G. L. Crowell, Jr., Aug. 23, 1910, valid and infringed, (C. C. A. 2nd Cir.), 209 F. 223.

40,833 Spoons and forks, G. L. Crowell, Jr., Aug. 23, 1910, valid and infringed, (C. C. A. 2nd Cir.), 209 F. 223.

TABLE III—DESIGNS.

- 41,388 Vehicle number plate support, E. M. Rosenbluth, May 16, 1911, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; void, (C. C. A. 3rd Cir.), 208 F. 564.
- 41,389 Vehicle number plate support, E. M. Rosenbluth, May 16, 1911, demurrer overruled, (C. C. D. N. J.), 193 F. 69; void, (D. C. D. N. J.), 201 F. 926; void, (C. C. A. 3rd Cir.), 208 F. 564.
- 41,785 Lamp shade, H. S. Evans, Sept. 19, 1911, valid and infringed, (D. C. W. D. Pa.), 199 F. 154.
- 42,077 Inkstand, F. M. Ashley, Jan. 9, 1912, valid and infringed, (C. C. A. 2nd Cir.), 220 F. 899.
- 42,443 Sad iron, Spahr and Stiehler, Apr. 30, 1912, void, (C. C. A. 2nd Cir.), 235 F. 126.
- 42,488 Lantern, W. McArthur, Jr., May 7, 1912, void, (D. C. W. D. N. Y.), 236 F. 763.
- 42,500 Paper cup, Claussen and Claus, May 14, 1912, awarded priority in interference, 43 App. D. C. 444.
- 42,777 Cigar band, Steffens and Jones, July 9, 1912, void, (C. C. A. 2nd Cir.), 232 F. 862.
- 42,781 Cigar band, Steffens and Jones, July 9, 1912, void, (C. C. A. 2nd Cir.), 232 F. 862.
- 42,786 Cigar band, Steffens and Jones, July 9, 1912, void, (C. C. A. 2nd Cir.), 232 F. 862.
- 43,338 Lamp post, C. E. Grelle, Dec. 10, 1912, valid but not infringed, (C. C. A. 9th Cir.), 221 F. 68.
- 44,837 Lifting jack standard, J. H. Burkholder, Nov. 4, 1913, void, (C. C. A. 6th Cir.), 235 F. 893.
- 45,102 Pencil clip, G. T. Byers, Jan. 6, 1914, not infringed, (D. C. D. R. I.), 228 F. 720.
- 45,249 Character blocks, D. C. Baker, Feb. 17, 1914, void, (C. C. A. 2nd Cir.), 220 F. 918; order of District Court affirmed, (C. C. A. 2nd Cir.), 224 F. 439.
- 47,244 Shower pan for lighting fixtures, B. E. Holton, Apr. 20, 1915, valid and infringed, (D. C. S. D. N. Y.), 238 F. 800.

TABLE IV.

DISCLAIMERS.

Chronological List of Patents granted since 1897 in which Disclaimers have been filed. When certain claims of the patent have been disclaimed, this has been indicated. In other cases, in order to determine the scope of the disclaimer, reference must be made to the Volume and page of the Official Gazette noted, or to the patented file.

DESIGN.

- 47,604 (The claim) Shower plate for lighting fixtures, P. Mohrmann, July 20, 1915, 231 O. G. 1.
- 47,670 (The claim) Shower plate for lighting fixtures, P. Mohrmann, Aug. 3, 1915, 231 O. G. 1.

REISSUE.

- 11,913 (Claim 1) Transmitting electrical impulses and signals and apparatus therefor, G. Marconi, June 4, 1901, 121 O. G. 1016.
- 11,923 (Claims 19, 20, 21, 22, 24, 27, 28, 29 and 30) Warp stop motion for looms, Coldwell & Gildart, July 30, 1901, 193 O. G. 514; (Claim 25), 210 O. G. 1400.
- 11,992 (Claims 7, 8 and 9) Convertible car, J. O'Leary, May 20, 1902, 126 O. G. 1068.
- 12,578 (Claims 4 to 14 inclusive) Machine for manufacturing hollow concrete building blocks, Borst & Groscop, Dec. 18, 1906, 195 O. G. 820.
- 12,744 (Claims 25 and 30) Electric motor controller regulator, P. A. Weyand, Jan. 28, 1908, 225 O. G. 1444.
- 13,125 Wire mattress, C. J. Witzel, June 28, 1910, 225 O. G. 375.
- 13,454 (Claims 1, 2 and 3) Supporting and retaining device for spare tires, W. A. Allen, Aug. 6, 1912, 190 O. G. 798b.
- 13,502 Gear cutting machine, H. Bilgram, Dec. 31, 1912, 192 O. G. 1.

TABLE IV—DISCLAIMERS.

- 13,515 (Claim 8) Heating system for incubators, C. S. Bryant, Jan. 21, 1913, 219 O. G. 274.
 13,717 (Claim 5) Peanut picker, T. M. Lilliston, Apr. 21, 1914, 211 O. G. 958.
 14,124 Tie plate, J. Lundie, May 2, 1916, 234 O. G. 1051.

ORIGINAL.

1898.

- 598,240 Gage for teeth of ice plows and markers, J. N. Briggs, Feb. 1, 1898, 82 O. G. 1061.
 599,477 Bowling alley, E. Reisky, Feb. 22, 1898, 102 O. G. 1.
 600,186 (Claims 1, 2, 3 and 4) Fireproof window, F. Voightmann, Mar. 8, 1898, 126 O. G. 3426.
 604,125 (Claims 1 and 4) Collecting gas from fermenting liquors, J. Schneible, May 17, 1898, 127 O. G. 853.
 604,195 Process and apparatus for manufacturing tinplate, W. Rogers, May 17, 1898, 100 O. G. 1.
 607,304 Beer pasteurizing apparatus, E. Wagner, July 12, 1898, 106 O. G. 2019.
 607,846 (Claims 6, 7 and 8) Car-line, H. W. Gays, July 26, 1898, 137 O. G. 1714.
 609,800 (Claims 3 and 4) Radiator, A. H. Fowler, Aug. 30, 1898, 202 O. G. 1264.
 610,705 Brush for electrical machines, J. W. Dickey, Sept. 13, 1898, 190 O. G. 1034.
 612,825 (Claim 6) Can labeling machine, E. W. Cornell, Oct. 25, 1898, 139 O. G. 202.
 613,049 (Claims 4 and 5) Voting machine, P. H. Stedman, Oct. 25, 1898, 85 O. G. 1743.

1899.

- 618,065 Safety attachment for presses, Dicks and Warman, Jan. 24, 1899, 216 O. G. 333.
 624,965 Cleaner for sifter drums, C. H. Oester, May 16, 1899, 113 O. G. 1973.
 625,808 Power transmitting mechanism for motor vehicles, Roe & Knight, May 30, 1899, 92 O. G. 1623.

TABLE IV—DISCLAIMERS.

- 627,595 (Claims 1, 3 and 4) Coke ovens and method of operating same, F. W. C. Schniewind, June 27, 1899, 97 O. G. 1376.
- 630,972 Stick pin retainer, G. J. Capewell, Jr., Aug. 15, 1899, 114 O. G. 264.
- 634,423 Process of and apparatus for treating sewage, Cameron, Commin & Martin, Oct. 3, 1899, 133 O. G. 1.

1900.

- 640,709 (Claim 1) Automatic sheet feeding mechanism, Scott & Teel, Jan. 2, 1900, 93 O. G. 1127.
- 650,771 (Claims 2, 3, 4, 5 and 6) Plow, G. C. Avery, May 29, 1900, 125 O. G. 1705.
- 661,578 (Claims 1 and 2) Toll collecting device for telephones, W. A. Foss, Nov. 13, 1900, 97 O. G. 757.

1901.

- 669,011 (Claim 3) Flat knit cap and art of making same, N. E. Kahn, Feb. 26, 1901, 114 O. G. 2095.
- 669,627 (Claims 2, 3, 4, 6 and 8) Typewriting machine, M. S. Eylar, Mar. 12, 1901, 119 O. G. 655.
- 670,080 Device for utilizing engine exhaust for heating purposes, E. Kempshall, Mar. 19, 1901, 227 O. G. 1.
- 671,910 Metal saw, Miller & Gard, Apr. 9, 1901, 189 O. G. 1037.
- 673,688 (Claim 3) Bowling ball, A. B. Pickett, May 7, 1901, 98 O. G. 231.
- 675,812 Navigable vessel, J. Campbell, June 4, 1901, 133 O. G. 1.
- 679,134 (Claims 2, 3, 8, 12, 13, 14, 15, 16, 17, 18, 21 and 24) Photographic shutter, A. Wollensak, July 23, 1901, 173 O. G. 289.
- 683,675 (Claims 1 and 2) Seat for harvesters or the like, H. W. Avery, Oct. 1, 1901, 100 O. G. 238.
- 683,809 (Claims 1 to 10 inclusive) Cutting instrument, F. W. Starr, Oct. 1, 1901, 190 O. G. 798b; (Claims 12, 14, 18 and 21), 199 O. G. 310.
- 684,165 Method of regulating electric circuits, M. H. Baker, Oct. 8, 1901, 98 O. G. 1490.

TABLE IV—DISCLAIMERS.

- 684,340 (Claims 3 and 5) Regulating device for arc lamp circuits, M. H. Baker, Oct. 8, 1901, 98 O. G. 1489; (Claim 1), 123 O. G. 1995.
- 684,850 (Claim 2) Testing device, L. F. Nafis, Oct. 22, 1901, 104 O. G. 1661.
- 687,524 (Claims 1, 2 and 3) Manufacture of cement, C. Fellner, Nov. 26, 1901, 183 O. G. 222.
- 688,478 Black dye and process of making same, O. Mueller, Dec. 10, 1901, 189 O. G. 257.

1902.

- 690,443 (Claim 2) Speed regulator for explosive engines, A. L. Kull, Jan. 7, 1902, 98 O. G. 2367.
- 695,564 (Claims 17, 18, 19, 22, 23, 24 and 38) Photographic shutter, R. Klein, Mar. 18, 1902, 107 O. G. 836.
- 705,850 (Claims 1 and 3) Electrical panel board, H. Krantz, July 29, 1902, 172 O. G. 265.
- 707,754 Brush mechanism for dynamos, W. L. Bliss, Aug. 26, 1902, 184 O. G. 1.
- 712,174 (Claims 1 and 2) Synchronism indicator, J. F. Begole, Oct. 28, 1902, 103 O. G. 1422.

1903.

- 718,324 (Claim 1) Means for locking the steering mechanism of motor vehicles, E. Devlin, Jan. 13, 1903, 105 O. G. 501.
- 721,240 Photographic objective, P. Rudolph, Feb. 24, 1903, 208 O. G. 660.
- 726,325 (Claim 25) Log hauling and loading machine, Miller & Dickinson, Apr. 28, 1903, 106 O. G. 769.
- 726,495 Fountain pen, J. Barnes, Apr. 28, 1903, 224 O. G. 745.
- 733,564 (Claims 1, 2, 3, 17 and 18) Electric controller, A. Sundh, July 14, 1903, 187 O. G. 519.
- 733,611 (Claims 3, 4, 11, 17, 22, 23 and 24) Bearing for electric meters, G. H. Alton, July 14, 1903, 115 O. G. 1069.
- 745,683 (Claims 3 and 5) Air pump governor, S. B. Stewart, Jr., Dec. 1, 1903, 181 O. G. 271.
- 747,858 (Claim 1) Apparatus for marking perforated music sheets for mechanical musical instruments, G. H. Davis, Dec. 22, 1903, 114 O. G. 547.

TABLE IV—DISCLAIMERS.

1904.

- 750,317 (Claim 1) Motor bicycle, W. A. Suddard, Jan. 26, 1904, 133 O. G. 1192.
- 753,177 Glandular extractive compound, J. Takamine, Feb. 23, 1904, 168 O. G. 793.
- 754,473 Guide wheel, A. H. Mathesius, Mar. 15, 1904, 159 O. G. 244.
- 756,673 Compound engine, C. J. Mellin, Apr. 5, 1904, 115 O. G. 807.
- 756,771 (Claim 1) Switch connection, F. C. Anderson, Apr. 5, 1904, 127 O. G. 2821.
- 757,748 (Claim 1) Spinning ring, H. B. Hoyle, Apr. 19, 1904, 113 O. G. 285.
- 757,754 (Claims 1 and 2) Railway rail stay, Laas & Sponenberg, Apr. 19, 1904, 137 O. G. 736.
- 759,388 Caisson, D. E. Moran, May 10, 1904, 210 O. G. 1400.
- 759,389 Caisson, D. E. Moran, May 10, 1904, 210 O. G. 1400.
- 760,060 (Claim 20) Camera, G. H. Dorr, May 17, 1904, 116 O. G. 1187.
- 769,788 Fire proof drop curtain, J. H. Channon, Sept. 13, 1904, 139 O. G. 201.
- 775,901 (Claim 10) Water purifying apparatus, J. C. W. Greth, Nov. 22, 1904, 197 O. G. 243.
- 777,096 (Claims 16, 17 and 18) Printing apparatus, R. Herman, Dec. 13, 1904, 174 O. G. 588.

1905.

- 780,664 Printing telegraph receiver, J. M. Joy, Jan. 24, 1905, 141 O. G. 1166.
- 784,695 (Claims 5 and 9) Insulating lining, N. Marshall, Mar. 14, 1905, 138 O. G. 532.
- 789,433 (Claim 5) Binding post, E. J. King, May 9, 1905, 124 O. G. 2540.
- 791,951 (Claims 1 and 2) Crane, G. W. Shem, June 6, 1905, 153 O. G. 1.
- 792,307 (Claim 1) Process of electro-depositing antimony, A. G. Betts, June 13, 1905, 120 O. G. 1169.

TABLE IV—DISCLAIMERS.

- 803,684 Instrument for converting alternating electric currents into continuous currents, J. A. Fleming, Nov. 7, 1905, 220 O. G. 1047.
 804,726 (Claim 1) Candy pulling machine, E. J. Jenner, Nov. 14, 1905, 208 O. G. 1362.

1906.

- 813,841 Method of treating cement and cement construction, M. Toch, Feb. 27, 1906, 229 O. G. 273.
 822,634 Automobile extension canopy frame, L. C. Shipley, June 5, 1906, 203 O. G. 1264.
 823,244 (Claims 13, 15, 17 and 21) Wheeled plow, L. E. Waterman, June 12, 1906, 124 O. G. 2539.
 828,761 Caisson, Moran & Doty, Aug. 14, 1906, 210 O. G. 1400.
 829,345 (Claims 1, 2 and 5) Carbureter, A. W. Menns, Aug. 21, 1906, 226 O. G. 341.
 833,290 (Claims 1, 2 and 4) Electrical conductor, A. G. Betts, Oct. 16, 1906, 126 O. G. 763.
 838,379 (Claim 1) Draft gearing, S. P. Bush, Dec. 11, 1906, 208 O. G. 660.
 838,455 (Claims 33 and 34) Combined emergency and throttle valve, R. H. Rice, Dec. 11, 1906, 176 O. G. 529.
 838,487 (Claim 10) Elastic fluid turbine, J. Wilkinson, Dec. 11, 1906, 129 O. G. 3166.
 839,012 (Claim 1) Edge setter iron with stitch wheel, M. F. Lindberg, Dec. 18, 1906, 156 O. G. 261.

1907.

- 847,947 (Claim 2) Apparatus for removing dust, D. T. Kenney, Mar. 19, 1907, 221 O. G. 1.
 847,991 (Claims 1 and 2) Manifolding book or pad, B. C. Maxwell, Mar. 19, 1907, 135 O. G. 1127.
 852,747 (Claims 2 and 3) Shoe lacing, F. Thun, May 7, 1907, 209 O. G. 1319.
 854,670 (Claims 9 and 11) Apparatus for the extraction of dust from carpets and other articles, F. V. Schiodt, May 21, 1907, 204 O. G. 1014.

TABLE IV—DISCLAIMERS.

- 856,414 (Claim 2) Dynamo electric machine, C. A. Mudge, June 11, 1907, 177 O. G. 775.
- 862,832 (Claims 8 and 9) Coal cutting machine, J. Lippis, Aug. 6, 1907, 226 O. G. 702.
- 864,435 (Claim 6) Paper bag machine, C. F. Smith, Aug. 27, 1907, 137 O. G. 1714.
- 872,338 (Claims 1, 2 and 8) Fitting for fluid supply systems, E. H. Gold, Dec. 3, 1907, 147 O. G. 522.

1908.

- 878,340 Claim 19) Temporary binder, H. F. Bushong, Feb. 4, 1908, 224 O. G. 1061.
- 878,435 (Claims 13, 14, 15, 16 and 17) Induction coil, R. Varley, Feb. 4, 1908, 133 O. G. 1191.
- 878,724 Sectional plaiting device for straight knitting machines, P. Guenther, Feb. 11, 1908, 176 O. G. 771.
- 880,900 Process for producing chlorids of carbon, J. MacKaye, Mar. 3, 1908, 134 O. G. 1566.
- 885,450 Apparatus for separating solids from liquids, E. W. Deming, Apr. 21, 1908, 198 O. G. 900.
- 885,867 Centrifugal pump, R. Salzer, Apr. 28, 1908, 192 O. G. 523.
- 887,982 (Claim 5) Sofa bed, J. B. Strand et al., May 19, 1908, 165 O. G. 479.
- 890,220 (Claim 8) Electro-magnetic signal controlling device, H. M. Crane, June 9, 1908, 161 O. G. 533.
- 892,440 Multi stage turbine, E. Mertz, July 7, 1908, 141 O. G. 289.
- 894,733 Shoe and process of making same, W. R. Green, July 28, 1908, 198 O. G. 241.
- 898,519 Display device, A. H. Snelling, Sept. 15, 1908, 192 O. G. 747.
- 898,907 (Claim 1) Tire for vehicle wheels, T. J. Mell, Sept. 15, 1908, 199 O. G. 310.
- 904,167 (Claims 1 and 2) Paper bag, H. G. Widmer, Nov. 17, 1908, 151 O. G. 197.
- 904,168 (Claim 1) Self opening bag, H. G. Widmer, Nov. 17, 1908, 151 O. G. 198.
- 904,169 (Claim 1) Self opening paper bag, H. G. Widmer, Nov. 17, 1908, 151 O. G. 198.

TABLE IV—DISCLAIMERS.

1909.

- 910,201 (Claims 1 and 10) Railroad track car, M. L. Jenkins, Jan. 19, 1909, 159 O. G. 995.
- 911,856 (Claims 1 and 3) Rail anchor, W. H. Walker, Feb. 9, 1909, 148 O. G. 575.
- 914,426 (Claim 2) Metallic rod packing ring, C. W. G. King, Mar. 9, 1909, 184 O. G. 807.
- 916,812 (Claim 2) Electric lamp socket, Weber and Weber, Mar. 30, 1909, 235 O. G. 1059.
- 918,307 Apparatus for wireless signaling, R. A. Fessenden, Apr. 13, 1909, 224 O. G. 1.
- 919,381 Electric glow lamp, H. Remane et al., Apr. 27, 1909, 165 O. G. 735.
- 919,953 (Claims 1, 2, 3, 4 and 6) Governing mechanism for air compressors, R. H. Rice, Apr. 27, 1909, 185 O. G. 531.
- 919,999 (Claims 1 to 7 inclusive) Singeing machine, Allsop & Sibson, Apr. 27, 1909, 155 O. G. 803.
- 924,714 (Claims 9, 10, 13 and 14) Telephone system, E. E. Yaxley, June 15, 1909, 186 O. G. 562.
- 928,701 (Claims 1, 2, 3, 4, 5, 6, 16, 17, 18, 19 and 20) Uniting the component parts of composite sheet metal structures, A. F. Rietzel, July 20, 1909, 215 O. G. 1265.
- 930,633 (Claim 5) Toy, J. C. Turner, Aug. 10, 1909, 147 O. G. 773.
- 931,904 (Claims 33 and 34) Telephone system, H. G. Webster, Aug. 24, 1909, 212 O. G. 693.
- 934,732 Apparatus for making artificial ice, O. H. Jewell, Sept. 21, 1909, 190 O. G. 1034.
- 934,972 Method of making artificial ice, O. H. Jewell, Sept. 21, 1909, 190 O. G. 1034.
- 936,713 Method of plating metals, W. Griffith, Oct. 12, 1909, 182 O. G. 1.
- 940,925 (Claim 1) Water gas apparatus, S. J. Dickey, Nov. 23, 1909, 201 O. G. 1222.
- 943,841 (Claims 1, 2 and 3) Drawer for filing cases, E. Ohnstrand, Dec. 21, 1909, 188 O. G. 1.

TABLE IV—DISCLAIMERS.

1910.

- 948,773 Sad iron, Spahr & Stichler, Feb. 8, 1910, 202 O. G. 635.
 954,056 X-ray system, H. C. Snook, Apr. 5, 1910, 222 O. G. 729.
 954,407 (Claims 24, 29 and 30) Vapor electric apparatus, Bastian & Salisbury, Apr. 5, 1910, 195 O. G. 821.
 954,691 (Claim 1) Artificial bait, J. E. Pflueger, Apr. 12, 1910, 205 O. G. 669.
 955,534 (Claim 8) Composing stick, S. A. Neidich, Apr. 19, 1910, 189 O. G. 1035.
 962,220 (Claims 1, 3 and 4) Number plate support for vehicles, W. B. Hughes, June 21, 1910, 178 O. G. 597.
 969,660 Flexible shaft, Schmidt & Grundmann, Sept. 6, 1910, 183 O. G. 222.
 970,556 (Claims 1, 2 and 7) Lightning protector, A. F. Rosenberger, Sept. 20, 1910, 175 O. G. 271.
 970,617 (Claims 1 and 2) Spinning, doubling and twisting machine, S. Z. de Ferranti, Sept. 20, 1910, 166 O. G. 1.
 976,443 (Claims 1, 2, 3 and 4) Apparatus for coating articles with pulverulent material, C. Doering, Jr., Nov. 22, 1910, 179 O. G. 859.

1911.

- 985,145 (Claims 238, 246 and 247) Mechanical cashier, E. S. Church, Feb. 28, 1911, 170 O. G. 487.
 991,766 (Claim 7) Eyeglasses, L. F. Adt, May 9, 1911, 216 O. G. 333.
 998,186 (Claims 4 and 6) Well mechanism, M. E. Layne, July 18, 1911, 180 O. G. 609.
 1,005,863 Automobile, W. L. Miggett, Oct. 17, 1911, 221 O. G. 1043.
 1,009,355 (Claims 1 to 8 inclusive) Baking machine, W. W. Turnbull, Nov. 21, 1911, 206 O. G. 1438.
 1,009,474 (Claims 54, 55, 56 and 57) Machine for making solder-hemmed caps, E. M. Cobb, Nov. 21, 1911, 193 O. G. 513, 754.

TABLE IV—DISCLAIMERS.

1912.

- 1,014,002 (Claims 1 and 2) Apparatus for wireless signaling, J. L. Hogan, Jr., Jan. 9, 1912, 212 O. G. 1692.
- 1,015,256 (Claims 1 and 2) Duplicating machine, C. E. Adamson, Jan. 16, 1912, 175 O. G. 847.
- 1,016,699 (Claims 1 to 13 inclusive) Signaling device, R. H. Manson, Feb. 6, 1912, 221 O. G. 1043.
- 1,025,309 (Claim 29) Door closing mechanism, O. C. Rixson, May 7, 1912, 180 O. G. 885.
- 1,034,540 (Claims 7 and 8) Superheater, S. M. Vauclain, Aug. 6, 1912, 196 O. G. 279.
- 1,035,762 (Claims 21, 23 and 24) Photographic shutter, A. Wol-lensak, Aug. 13, 1912, 189 O. G. 1035.
- 1,037,149 (Claim 1) Alining plate for floor hinges, O. Katzen-berger, Aug. 27, 1912, 219 O. G. 591.
- 1,040,969 (Claims 1 and 2) Door controlling means, H. G. Voight, Oct. 8, 1912, 200 O. G. 285.
- 1,045,540 (Claim 4) Railroad switch locking mechanism, S. D. Frank, Nov. 26, 1912, 189 O. G. 529.

1913.

- 1,052,373 (Claims 4 and 11) Rock drill, A. Palmros, Feb. 4, 1913, 194 O. G. 955.
- 1,061,855 Instrument for woodworking or furniture, E. Lobo, May 13, 1913, 209 O. G. 1054.
- 1,061,981 Motor vehicle running gear, H. G. Carr, May 20, 1913, 225 O. G. 375.
- 1,071,010 (Claims 27, 57 and 63) Hoisting apparatus, A. E. Nor-ris, Aug. 19, 1913, 221 O. G. 742.
- 1,071,375 (Claim 1) Filing appliance, P. Voss, Aug. 26, 1913, 209 O. G. 691.
- 1,078,758 (Claim 1) Car diaphragm, E. E. Whitmore, Nov. 18, 1913, 203 O. G. 309.
- 1,080,555 (Claim 17) Truck construction, Howard & Pflager, Dec. 9, 1913, 206 O. G. 319.
- 1,082,523 Piston packing, Hoke & Barley, Dec. 30, 1913, 204 O. G. 1014.

TABLE IV—DISCLAIMERS.

1914.

- 1,083,617 (Claims 1, 2, 5 and 6) Signature handling mechanism, E. R. Kast, Jan. 6, 1914, 214 O. G. 346.
- 1,091,347 (Claim 2) Typographical machine, D.S. Kennedy, Mar. 24, 1914, 216 O. G. 1.
- 1,093,226 (Claims 1 and 2) Inside pad for trunks, G. H. Wheary, Apr. 14, 1914, 225 O. G. 1109.
- 1,095,772 (Claim 1) Vehicle wheel rim, J. A. Anglada, May 5, 1914, 202 O. G. 1264.
- 1,099,164 (Claims 1, 2, 3, 4 and 5) Party line ringing key, A. J. Carter, June 9, 1914, 210 O. G. 1400.
- 1,101,268 Stencil sheet, L. E. Fuller, June 23, 1914, 233 O. G. 756.
- 1,101,269 Process for forming stencil machines, L. E. Fuller, June 23, 1914, 233 O. G. 756.
- 1,101,270 Process of preparing duplicating stencils, L. E. Fuller, June 23, 1914, 233 O. G. 756.
- 1,102,620 (Claims 1, 2, 3, 5, 6, 7, 8, 9, 10, 11 and 12) Center bolster for six-wheel car trucks, C. T. Westlake, July 7, 1914, 206 O. G. 880.
- 1,105,821 (Claim 4) Jolt ramming machine, E. H. Mumford, Aug. 4, 1914, 210 O. G. 1.
- 1,107,519 Rim fire cartridge, F. O. Hoagland, Aug. 18, 1914, 222 O. G. 729.
- 1,108,566 (Claims 1 to 10 inclusive) Poultry exerciser and feeder, J. M. Foster, Aug. 25, 1914, 211 O. G. 958.
- 1,109,858 (Claims 4, 5, 6 and 7) Neckwear, G. W. Mills, Jr., Sept. 8, 1914, 229 O. G. 270.
- 1,116,047 (Claim 1) Dress form, W. Enoch, Nov. 3, 1914, 212 O. G. 1360.

1915.

- 1,125,496 (Claims 1, 2, 6 and 7) Wireless telephone transmitting system, L. De Forest, Jan. 19, 1915, 226 O. G. 702.
- 1,129,122 (Claims 5 and 6) Super-heater header, J. Primrose, Feb. 23, 1915, 225 O. G. 1107.
- 1,133,113 (Claims 36, 37 and 39) Telephone system, F. W. Dunbar, Mar. 23, 1915, 232 O. G. 1263.

TABLE IV—DISCLAIMERS.

- 1,135,130 (Claim 8) Protective switch box, T. E. Murray, Apr. 13, 1915, 235 O. G. 713.
- 1,135,480 (Claim 23) Safety guard for power presses, J. Wright, Apr. 13, 1915, 223 O. G. 1379.
- 1,139,885 (Claim 26) Apparatus for continuous casting, G. Mel-
len, May 18, 1915, 229 O. G. 271.
- 1,142,696 (Claims 3, 6, 7, 9 and 10) Machine for making concrete
blocks, Graf and Nickel, June 8, 1915, 234 O. G. 1584.
- 1,145,542 (Claims 61 and 62) Telephone system, J. G. Blessing,
July 6, 1915, 234 O. G. 377.
- 1,150,992 (Claims 1 to 13, 15, 16, 21, 32 and 33) Closing machine,
W. C. Buhles, Aug. 24, 1915, 235 O. G. 713.
- 1,151,077 (Claims 1, 2 and 3) Storage battery, T. A. Willard,
Aug. 24, 1915, 220 O. G. 355.
- 1,160,097 (Claims 1, 2 and 3) Telegraph repeater, W. Finn, Nov.
9, 1915, 231 O. G. 1212.
- 1,161,315 (Claims 5, 14, 16, 26 and 32) Collapsible carriage,
Jonas and Spofford, Nov. 23, 1915, 229 O. G. 271.
- 1,165,749 (Claims 1 to 12, 16 to 23, and 33, 35, 37, 42, 75, 76 and
88) Book stitching machine, M. Christensen, Dec. 28,
1915, 233 O. G. 759.

1916.

- 1,166,787 (All claims) Throttle lever mechanism, F. E. Russell,
Jan. 4, 1916, 228 O. G. 411.
- 1,178,021 (All claims) Telephone, R. H. Manson, Apr. 4, 1916,
231 O. G. 287.
- 1,183,551 (Claims 1, 2, 3, 5, 6, 7, 9, 12, 13, 19, 21 and 24) Process
of making tires, Gammeter and Allen, May 16, 1916,
232 O. G. 939.
- 1,191,868 (Claims 4 and 5) Means for distributing molten glass,
S. B. Bowman, July 18, 1916, 231 O. G. 1215.
- 1,195,910 (Claims 1 and 2) Corner-piece, A. P. Cochrane, Aug.
22, 1916, 236 O. G. 895.

TABLE V.

Alphabetical Index of Adjudicated Designs.

(The numerical references are to patents listed under Table III).

Artificial building blocks, 36,806.
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Bedspring, 37649.
Blade, grass cutting, 30,478.
Blocks, character, 45,249.
Border section for silver plate, 40,009.
Bottle, 39,921.
Branch box for insulated electric wires, 39,767.
Brooches, ornamental head for, 35,922.
Brush, clothes, 40,789.
Building blocks, artificial, 36,806.
Button, preliminary injunction denied, (C. C. S. D. N. Y.), 185 F. 820.
Carpet, 10,778, 10,870. 11,074.
Case, piano, 37,501.
Case, show, 8,814.
Casing for disinfecting apparatus, 33,633.
Cereal cup, 25,318.
Character blocks, 45,249.
Cigar band, 42,777, 42,781, 42,786.
Clasp pin, 37,055.
Clip, Pencil, 45,102.
Clothesbrush, 40,789.
Cup, paper, 42,500.
Dish, 39,992.
Disinfecting apparatus, casing for, 33,633.
Forks and spoons, 40,124, 40,832, 40,833.
Grass cutting blade, 30,478.
Grass hook, 32,227.
Hat band, 38,412.
Hook, grass, 32,227.
Inkstand, 42,077.
Inkwell, 37,504, 40,125.
Insulating plug for electric-line supports, 31,838.
Jewelry, 5 F. 359.
Jewelry setting, 11,409.

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Lacing hook, 39,201.
 Lamp, 37,301, 38,638.
 Lamp post, 43,338.
 Lamp shade, 41,785.
 Lamp, street, 9,488, 10,497.
 Lantern, 42,488.
 Lifting jack standard, 44,837.
 Lighting fixtures, shower pan for, 47,244.
 Locket, 39,413.
 Monument, sarcophagus, 27,115.
 Neck scarf, 39,347.
 Newel post, 12,026.
 Number plate support, vehicle, 41,388, 41,389.
 Ornamental head for brooches, 35,922.
 Paper cup, 42,500.
 Pencil clip, 45,102.
 Piano case, 37,501.
 Pin, clasp, 37,055.
 Plug, insulating, for electric-line supports, 31,838.
 Post, lamp, 43,338.
 Prismatic glass reflector, 37,983.
 Pump-curb, 28,190.
 Radiator, 36,607.
 Reflector, 37,967, 40,182.
 Ribbon, 38,581.
 Sad iron, 42,443.
 Sarcophagus monument, 27,115.
 Seat, bath tub, 29,993.
 Shade, lamp, 41,785.
 Show case, 8,814.
 Shower pan for lighting fixtures, 47,244.
 Silver plate, 39,992, 40,009.
 Spoons and forks, 40,124, 40,832, 40,833.
 Standard, lifting jack, 44,837.
 Street lamp, 9,488, 10,497.
 Support for vehicle number plate, 41,388, 41,389.
 Textile fabric, not void on demurrer, (C. C. S. D. N. Y.), 185 F.
 531.
 Trimming for ladies' underwear, 36,895.
 Underwear, ladies', trimming for, 36,895.

TABLE VI.

Alphabetical Index of Adjudicated Patents for Inventions.

(The numerical references are to the patents listed under Tables I and II. This index is intended to lighten the labor of searching for adjudications in any particular art, but a word of caution may be necessary against taking its entries too narrowly. For example, in looking up Electric switches, it would be best to look up references under Switches, as well as under Electric switches, for it is quite possible that the data from which this list was prepared as well as the patents by which it was checked may have referred to some electric switches without specifically designating them as such. Another uncertainty of nomenclature that should be borne in mind by the user of this table is the indiscriminate application of different terms to the same device, e. g., "plow" and "cultivator." Again, a specific element is sometimes referred to under the system of which it is a part, e. g., an "incandescent lamp socket" may be indexed as an "incandescent lamp").

Abdominal pad and hose supporter, combined, 638,540.
 Abrasive apparatus, 832,114, 918,247.
 Abrasives, apparatus for applying to grinding apparatus, 1,056,415.
 Abrasives, method of applying to grinding apparatus, 1,056,416.
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 Absorbing substance for dust, 833,423.
 Account book, 632,769, 746,157.
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 Accounting attachment for typewriters, 705,409.
 Accounting, statistical, method and means for, 1,138,089.
 Acetyl salicylic acid, 644,077
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- Acetylene gas tank, 664,383.
- Acetylene lamp, Reissue 13,542.
- Adding and recording machine, 1,005,779.
- Adding and typewriting machine, 698,614.
- Adding and writing machine, 940,037, 1,039,130.
- Adding attachment for typewriters, 874,060.
- Adding machine, 893,182, 1,033,109.
- Adrenalin, 730,176, 753,177.
- Advertising, see Bill hook.
- Advertising device, 861,747, 861,749.
- Adjusting device for automatic musical instruments, 625,744.
- Aerial cables, suspension of, 595,693.
- Aerial gymnastic performances, means for producing, 847,139.
- Aeroplane, see Flying Machine.
- Aging and bleaching flour, process for, 693,207.
- Air, apparatus for purifying, 917,185.
- Air brake valve, 912,511, 912,512.
- Air brush, 474,158, 555,669.
- Air compressor for automobile tires, 1,001,132.
- Air-cushioning mechanism, 1,037,021.
- Air lock, 500,149, 514,843.
- Air pump and electric motor, combined, 635,280.
- Air pump for blow-torches, 937,757.
- Air pump governor, 671,244, 745,683.
- Alarm, burglar, 708,496, 771,749.
- Alarm, burglar, electrical, Reissue 11,626, 626,670.
- Alarm, fire, 850,681.
- Alarm system, burglar, 667,115.
- Alarm system, burglar, electrical, 627,054, 632,513.
- Alarm, time, electric, 771,748
- Alarm valve and system, 743,049.
- Albumen preparation soluble in water, 601,995.
- Alcohol, wood, process of making, 824,906.
- Alloy for anti-friction bearings, 655,402.
- Alloy of iron, 1,071,364.
- Alloy, pyrophoric, 837,017, 967,775.
- Alternating current distribution, 582,131.
- Alternating current electromagnet, 744,773, 764,608.
- Alternating current indicator, 399,801.
- Alternating current magnetic device, 428,650.

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- Alternating current motor, 458,162, 530,166, 530,177, 555,190, 677,308.
- Alternating current system of distribution, 559,913.
- Alternating current systems, regulation of, 594,144.
- Alternating currents, means for varying the voltage of, 768,354.
- Amplifying horn for talking machines, 832,896.
- Amusement apparatus, 737,375, 738,434, 789,243.
- Amusement apparatus, bicycle, 762,232.
- Amusement railway, 811,211.
- Amusement vehicle, 822,302.
- Anhydride, sulfuric, process of making, 652,119.
- Animal operated liquid distributor, 1,096,244, 1,151,524.
- Annealing furnace, 624,401.
- Annunciator apparatus, 1,027,749.
- Annunciator and spring-jack for telephone switch boards, 521,461.
- Anti-creepers or rail anchors; decree of District Court modified and affirmed (C. C. A. 7th Cir.), 226 F. 935.
- Anticreeping device, rail, 1,014,155.
- Anti-vibration device for vehicles, Reissue 12,399.
- Apartment house with disappearing bed, 839,996.
- Apartment wall furniture, 892,668.
- Apparatus and method for transmitting electrical impulses, Reissue 11,913.
- Apparel, wearing, 944,176.
- Apparel belt, 661,447.
- Apple-parer, 572,689.
- Arc lamp globe, 975,935.
- Arch, centering for and method of constructing, 802,004.
- Arch or bridge, 818,386, 840,224, 852,970, 853,183, 853,202, 853,-203, 923,058, 933,771.
- Arched suspender for overhead electric conductors, 393,317.
- Armature, 504,401, 559,910.
- Armature core, 508,637.
- Armature for dynamos, 493,337, 504,401, 559,910, 630,930.
- Armor for pneumatic tires, 723,299, 1,096,101.
- Armor-plate, 460,262, 534,178, 642,926, 651,965, 653,413.
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- Artificial mica sheets for insulation, process of making, 483,646.
- Artificial stone, process of making, 624,563.

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- Artificial teeth, 801,911, 821,192.
- Ash discharger, 986,208.
- Ash pan, locomotive, 341,930.
- "Asperin", 644,077.
- Asphaltic fluxes, 635,429, 635,430.
- Asphaltic petroleum products and process of making same, 524,-
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- Assorting ore, see Screening.
- Atomizer, 483,435, 620,895.
- Attachment for potato harvesters, 640,816.
- Automatic casing perforator for deep wells, 650,318.
- Automatic circuit breaker, 633,772.
- Automatic dredges for enameling iron ware; see Iron ware,
enameled.
- Automatic egg boiler, 557,192.
- Automatic engine stop, 812,279.
- Automatic feeder for twine making machine, 785,070.
- Automatic firearm, 747,585; see Firearm.
- Automatic heat regulator, 583,632.
- Automatic switch mechanism, 453,032.
- Automatic telegraphy; see Telegraphy, automatic.
- Automatic weighing machine, 766,004.
- Automobile, gas, 549,160.
- Automobile; bill dismissed, (D. C. S. D. Ohio, W. D.), 225 F. 373.
- Automobile buffer, 885,181.
- Automobile bumper, 1,035,610.
- Automobile door hinge, 1,078,786.
- Automobile fender, 873,544.
- Automobile headlight, 1,099,715.
- Automobile horn, 923,048, 923,049, 923,122, 1,066,037, 1,120,057.
- Automobile spare-tire holder, 872,892.
- Automobile speed indicating mechanism, 837,188.
- Automobile truck, Reissue 12,430.
- Automobiles, clutch mechanism for, 883,552.
- Automobiles, heating and ventilating system for, 873,399.
- Automobiles, radiator for, 898,237.
- Automobiles, starting gearing for, 1,098,344.
- Automobiles, wind shield for, 1,011,892.
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- Awning arm, 986,120.
- Axle, 782,564.
- Axle box, car, 239,702.
- Axle, rear, construction for motor vehicles, 1,138,900.
- Baffle wall brick, 747,329.
- Bag filling machine, 539,171.
- Bag, lock, Reissue, 13,886.
- Bag machine, paper, 558,969, 578,133, 578,550, 598,497, 736,673.
- Bait, fish, 777,488.
- Baking pan, 607,759.
- Baking powder, 474,811.
- Ball and socket fastener, 645,624.
- Ball bearing, 449,959, 449,968, 818,734, 822,723.
- Ball bearings, method of manufacturing and assembling, 838,303.
- Ball conduit for pool table, 556,532.
- Ball, golf, 622,834, 761,590.
- Ball retaining device, 686,617.
- Ball runway for bowling alleys, 554,611.
- Ballast, burnt clay, apparatus for producing, 686,964.
- Band-resaw, 538,688.
- Bank, savings, 758,340, 793,779, 990,534, 990,535, 1,072,709, 1,-073,847.
- Bank ledger, 746,157.
- Bank or coin holder, pocket; exceptions overruled, (C. C. S. D. N. Y.), 176 F. 922 and (C. C. A. 2nd Cir.), 178 F. 546.
- Bar, protecting, for concrete work, 727,233.
- Barbing machine, wire, 365,723.
- Barrel closure, 703,313.
- Barrel jacks, 1,111,219.
- Barrel washer, 400,346, 605,138.
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- Bath, blotter, 603,841.
- Bath, electrolytic, and process of coating metals galvanically, Reissue 11,624.
- Battery, voltaic or primary, 894,487.
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- Bearing, ball, 449,957, 449,968, 818,734, 822,723.
- Bearing for railway cars, Reissue 11,611, 590,286, 694,503, 694,-549.
- Bearing, side, for railway cars, Reissue 11,611.
- Bearings, ball, method of manufacturing and assembling, 838,303.
- Bed, apartment house with disappearing, 839,996.
- Bed, disappearing, 1,007,596.
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- Bed-pan or douche pan, 651,310.
- Bedstead, 650,311; 923,235.
- Bedstead, extensible, or couch, 712,718.
- Bedstead fastening, 625,164.
- Beer, process of filtering, 378,379.
- Beer, process of treating, 995,820, 995,824.
- Beer-pasteurizing apparatus, 607,304.
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- Belt, apparel, 661,447.
- Belt and trousers fastener, 871,884.
- Belt conveyor, 571,604.
- Belt stapling tool, 806,556.
- Belt tightening idler, 855,237.
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- Belts, woven, joining ends of, 726,670.
- Bend, water closet, Reissue 12,688.
- Bending apparatus, rod, 1,001,244.
- Bending electrotpe plates, method and means for, 435,036.
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- Bolt, expansion, lead anchor for, 685,820.
- Bolt, stay, 1,069,436.
- Bolts, expansion, shield for, 973,559.
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- Book, bank ledger, 746,157.
- Book, blank, 468,780.
- Book, manifold, Reissue 12,005.
- Book and pamphlet making machine, 1,028,708.
- Bookbinding machine, 603,406.
- Book-sewing machine, 435,613.
- Book-trimming machine, 490,877, 734,907.
- Book typewriter, see Typewriter.
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- Boot tree, 621,423, 621,424.
- Boring or drilling tool, 1,169,582.
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- Bottle, nursing, 521,773.
- Bottle, nursing, nipple for, 926,011.
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- Bottle blanks, machine for making, 944,053.
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- Bottle closure, 801,281.
- Bottle closures, machine for making, 887,838, 887,883, 1,053,565.
- Bottle closures, method of making, 792,284, 1,053,898.
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- Bottle labeling machine, 705,832, 923,501, 937,403, 941,178, 950,-259.
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- Button setting machine, motion to dismiss denied, (D. C. W. D. Mich. S. D.), 227 F. 124.
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